

Message

From: Delgado, Eric [Delgado.Eric@epa.gov]
Sent: 9/7/2021 6:58:57 PM
To: Durant, Jennah [Durant.Jennah@epa.gov]; R6 RRC [R6_RRC@epa.gov]; Moore, Gary [Moore.Gary@epa.gov]; Adams, Adam [Adams.Adam@epa.gov]; Petersen, Chris [petersen.chris@epa.gov]; Carroll, Craig [Carroll.Craig@epa.gov]
CC: Assunto, Carmen [Assunto.Carmen@epa.gov]; Acevedo, Janie [Acevedo.Janie@epa.gov]
Subject: Re: Media inquiry--response summary

Jennah,

That's perfect

Thanks

Get Outlook for iOS

From: Durant, Jennah <Durant.Jennah@epa.gov>
Sent: Tuesday, September 7, 2021 1:57:14 PM
To: R6 RRC <R6_RRC@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>
Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>
Subject: RE: Media inquiry--response summary

Thanks. Based on input from Gary I'd like to add info about the Lake Salvador spill:

EPA continues to follow up ongoing air releases at the ExxonMobil Baton Rouge and Shell Norco facilities. EPA is coordinating with LDEQ in assessing priority facilities and the Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft continues to fly in support of state air monitoring activities. EPA is also following up on several oil spills or reports of potential releases. This includes an oil spill of about 50 barrels released into Lake Salvador in St. Charles Parish. EPA is communicating with the responsible party as cleanup work continues. Please see response.epa.gov/HurricaneIda for continued updates on EPA's response activities, including summaries of findings from ASPECT's flights.

From: R6 RRC <R6_RRC@epa.gov>
Sent: Tuesday, September 7, 2021 1:28 PM
To: Durant, Jennah <Durant.Jennah@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>
Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>
Subject: Re: Media inquiry--response summary

How about this.

From: Durant, Jennah <Durant.Jennah@epa.gov>
Sent: Tuesday, September 7, 2021 12:40 PM
To: Moore, Gary <Moore.Gary@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>

Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>

Subject: RE: Media inquiry--response summary

I need to get this response approved. Below is an updated draft based on info we shared this weekend. If there is more to add, please let me know ASAP.

EPA continues to follow-up on several oil spills as well as ongoing air releases at the ExxonMobil Baton Rouge and Shell Norco facilities. EPA is coordinating with LDEQ in assessing priority facilities and the Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft continues to fly in support of state air monitoring activities. Please see response.epa.gov/HurricaneIda for continued updates on EPA's response activities, including summaries of findings from ASPECT's flights.

From: Durant, Jennah

Sent: Tuesday, September 7, 2021 9:51 AM

To: Moore, Gary <moore.gary@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>

Cc: Assunto, Carmen <assunto.carmen@epa.gov>; Acevedo, Janie <acevedo.janie@epa.gov>

Subject: RE: Media inquiry--response summary

Let me know if this is OK. HQ is working on updating the general language we used last week as a summary of the response set-up with EPA and USCG, which will likely be included in the response to this inquiry.

Draft response:

As of 1 pm CDT on Sept. 6, EPA received a total of 171 reports from the National Response Center. Of these, 39 were in EPA's area of responsibility, and none required additional follow-up from EPA. On Sept. 5, ASPECT, EPA's Airborne Spectral Photometric Environmental Collection Technology, flew over 25 facilities on the Louisiana Department of Environmental Quality's priority list to assess potential releases. ASPECT was not able to fly on Sept. 6 due to storms in the area. Please see response.epa.gov/HurricaneIda for continued updates on EPA's response activities, including summaries of findings from ASPECT's flights.

From: Durant, Jennah <Durant.Jennah@epa.gov>

Sent: Tuesday, September 7, 2021 9:37 AM

To: Moore, Gary <Moore.Gary@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>

Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>

Subject: Re: Media inquiry--response summary

I will put together a response based on the management report.

From: Moore, Gary <Moore.Gary@epa.gov>

Sent: Tuesday, September 7, 2021 9:28 AM

To: Durant, Jennah <Durant.Jennah@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>

Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>

Subject: RE: Media inquiry--response summary

Do we need to meet to discuss this media inquiry?

From: Durant, Jennah <Durant.Jennah@epa.gov>

Sent: Tuesday, September 7, 2021 9:14 AM

To: R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>
Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>
Subject: Media inquiry--response summary

Good morning, we have a new inquiry. Let me know if we can give any details on these questions:

I'm looking for summaries on 1) if there are high-profile incidents where EPA is investigating/managing such as spills, 2) how many incidents is EPA aware of/investigating, 3) any other information on EPA's response.

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/7/2021 9:45:29 PM
To: Jason Meyers [Jason.Meyers@LA.GOV]
CC: Moore, Gary [moore.gary@epa.gov]; Daniel Lambert [daniel.lambert@la.gov]
Subject: RE: Proposed language
Attachments: RE: Requests for Air Monitoring from the Public

Jason,
Apologies in advance.
Remember, I'm just the messenger. Our Division Director was wondering why we aren't sampling for TICs and the Method 16 Sulphur Compounds suggested by the NGOs.
I think I know, but I don't want to assume ...

Thanks,

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Jason Meyers <Jason.Meyers@LA.GOV>
Sent: Tuesday, September 7, 2021 3:36 PM
To: Delgado, Eric <Delgado.Eric@epa.gov>
Subject: Re: Proposed language

Great. Thank you Eric.

Thanks,
Jason Meyers, P.E.
Administrator
LDEQ Air Planning & Assessment Div

On Sep 7, 2021, at 3:30 PM, Delgado, Eric <Delgado.Eric@epa.gov> wrote:

EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.

We are going to request 24hour rush
Analysis

Sent from my iPhone

On Sep 7, 2021, at 3:15 PM, Jason Meyers <Jason.Meyers@la.gov> wrote:

We are resubmitting with the changes suggested.

The question has come up, what is the turnaround time on the canister analysis?

Thanks,
Jason

From: Delgado, Eric <Delgado.Eric@epa.gov>
Sent: Tuesday, September 7, 2021 1:27 PM
To: Jason Meyers <Jason.Meyers@LA.GOV>
Subject: Re: Proposed language

<p>EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.</p>
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How does this work? The only other suggestion I have is to keep this open ended until the end of the 0% State cost share. I suggest this so we don't have to amend the MA in case the state wants us to conduct more sampling past the 5 days. If DEQ approves the sentence could read:
Request that TO-15 and PM2.5 ambient air monitoring sampling be conducted beginning 9/8/2021 (or at least 24 hours after receipt of the mission assignment) until DEQ no longer requires air sampling support but not to exceed 9/25/2021.

Requesting assistance for EPA to conduct TO-15 VOC sampling and PM2.5 ambient air monitoring at specified Louisiana locations in the Hurricane Ida impacted area. Request that TO-15 and PM2.5 ambient air monitoring sampling be conducted beginning 9/8/2021 (or at least 24 hours after receipt of the mission assignment) for a period not to exceed 5 days. The TO-15 shall be a 24-hour sample and PM2.5 be continuous monitoring. The following locations should be collected as upwind and downwind samples: Shell Norco Refinery, Denka Elastomers, and Marathon Refinery. Single location samples, are requested for the following locations: LDEQ's Irish Channel Ambient Air Monitoring site and at Port Fourchon. Wind speed and direction should also be collected.

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From: Jason Meyers <Jason.Meyers@LA.GOV>
Sent: Tuesday, September 7, 2021 1:14:26 PM
To: Delgado, Eric <Delgado.Eric@epa.gov>
Subject: Proposed language

Requesting assistance for EPA to conduct TO-15 VOC and PM2.5 ambient air monitoring at specified Louisiana locations in the Hurricane Ida impacted area. Request that TO-15 and PM2.5 ambient air monitoring sampling be conducted beginning 9/8/2021 for a period not to exceed 5 days. The TO-15 shall be a 24-hour sample and PM continuous. The following locations should be collected as upwind and downwind samples: Shell Norco Refinery, Denka Elastomers, and Marathon Refinery. Single location samples, are requested for the following locations: LDEQ's Irish Channel Ambient Air Monitoring site and at Port Fourchon. Wind speed and direction should also be collected.

Thanks,
Jason

Message

From: Moore, Gary [Moore.Gary@epa.gov]
Sent: 9/6/2021 6:53:24 PM
To: Daniel Lambert [daniel.lambert@la.gov]; magaret.parker@la.gov; Jeff.dauzat@la.gov
CC: R6 RRC [R6_RRC@epa.gov]
Subject: RE: Requests for Air Monitoring from the Public

Hello,

I have been asked by our Regional Administrator how you guys intend to handle the following the information from the NGOs. Also, it would be helpful if you guys have a list of priority facilities that are having ongoing air releases as a result of the storm. We only have 2 that have reported to us about ongoing releases and they are ExxonMobil Baton Rouge and Shell Norco. By the way, you guys are doing a great job like normal – I appreciate how business like and professional you guys are.

Please let me know.

Thanks
Gary Moore

From: Moore, Gary
Sent: Sunday, September 5, 2021 9:10 PM
To: Daniel Lambert <daniel.lambert@la.gov>
Subject: Requests for Air Monitoring from the Public

Daniel: See emails below from NGOs. You may want to get your media people involved and let them know what you guys are doing.

From: Russel Honore' <russel.honore@gmail.com>
Date: September 5, 2021 at 8:10:05 PM CDT
To: Chuck Brown <Chuck.Brown@la.gov>, "Gray, David" <gray.david@epa.gov>, "Polk, Jonna" <Polk.Jonna@epa.gov>
Subject: Fwd: EPA monitoring or lack thereof

Mr Gray see notes below .I am sure Dr Brown will ask for air Monitoring help ASAP , reports show most of state air Monitoring is off line because I'd Ida .

----- Forwarded message -----

From: Darryl Malek-Wiley <darryl.malek-wiley@sierraclub.org>
Date: Sun, Sep 5, 2021 at 5:34 PM
Subject: EPA monitoring or lack thereof
To: Russel Honore' <russel.honore@gmail.com>, Jacques Morial <jacquesMorial@gmail.com>, Andy Jacoby <andrew@parishlawyer.com>, Rev Gregory Manning <gmanning1973@yahoo.com>, Larry Surapuru <lesora77@yahoo.com>, Marylee Orr <marylee@leanweb.org>, Scott Eustis <scott@healthygulf.org>, Naomi Yoder Ex 213 <naomi@healthygulf.org>, Kimberly A Terrell <kterrell1@tulane.edu>, Van Dalen, Corinne J <cvandalen@earthjustice.org>, Cyndhia Ramatchandirane <cramatch@earthjustice.org>, Vickie Boothe <boothevickiel@gmail.com>, Robert Taylor <btcnola@gmail.com>, Lisa Lavie Jordan <lwjordan@tulane.edu>, Monique Harden <moniqueh@dscej.org>, Dr. Beverly Wright <BeverlyLWright@gmail.com>

Dear All,

After reading EPA reports from Gloria Vaughn:

- 1) The SPECTOR plane has made some flights but data not yet on EPA web site.
- 2) EPA has checked all Superfund sites in Louisiana and no problems.
- 3) EPA has deployed some staff to monitor water pollution problems.
- 4) EPA has NOT deployed any staff to do Air monitoring and LADEQ's air monitoring is off line!!!
- 5) LADEQ has 17 plants on its high priority list so there should be air monitoring at all 17 sites.

LADEQ must ask EPA to deploy staff to do air monitoring during the restoration of operations at petrochemical plants in Cancer Alley.

Region 4 EPA is also ready to help EPA Region 6 if asked to deploy more staff to monitor air pollution.

Darryl

--
Best Regards, LT General Russel Honore (Ret) www.generalhonore.com (404) 227-1527 See/Smell Something, Say Something, Do Something. Take a picture Call 911

From: I <subracom@aol.com>

Date: September 5, 2021 at 7:07:03 PM CDT

To: "Gray, David" <gray.david@epa.gov>

Cc: "Arroyo, Victoria" <Arroyo.Victoria@epa.gov>, "Waterhouse, Carlton" <Waterhouse.Carlton@epa.gov>

Subject: Need for Summa Canister Sampling of Ambient Air on the Fence Lines of Industrial Facilities Between Baton Rouge and New Orleans LA.

Reply-To: I <subracom@aol.com>

The ASPECT plane air monitoring of the Hurricane Ida's damage association with the industrial facilities between Baton Rouge and New Orleans and their venting, flaring and release of extensive smoke plumes, has not detected any of the 76 chemicals monitored for during September 2, 3 and 4, 2021 monitoring events.

LA DEQ is doing mobile monitoring in Norco and Chalmette. Hydrogen Sulfide and Sulphur Dioxide have been detected, as well as Methane and total hydrocarbons.

On behalf of the fence line community members living around the industrial facilities, there is a desperate need for collection of summa canister air samples along the fence lines of the industrial facilities during release events, flaring and smoke plume events, that move off the industrial facilities and into the communities. The summa canister air samples need to be analyzed for TO-15 Volatile Organic Compounds, Method 16 Sulphur Compounds and Tentatively Identified Compounds.

The ASPECT sampling and DEQ evaluations have identified flaring, smoke plumes and releases at a number of the industrial facilities, including the refineries and chemical plants in the Norco area, Marathon Refinery and Denka facility in Reserve, the Exxon Refinery and Chemical plants in the North Baton Rouge area, as well as additional facilities releasing toxic chemicals, flaring and releasing smoke/unburned toxic chemicals along the industrial corridor.

Is it possible to obtain resources necessary to fund canister grab air samples around the industrial facilities that are negatively impacting the

health of the community members during the loss of electricity power by the industrial facilities and during the start up and shakedown periods that will be required to result in the industrial facilities return to compliance following the hurricane situation? These communities are located around and adjacent to the industrial facilities between Baton Rouge and New Orleans along the Mississippi River industrial corridor.

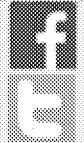
Thank you for considering this request.

Wilma Subra



Gary W. Moore (SEDER)
Federal On-Scene Coordinator
1201 Elm Street, Ste 500
Dallas, Texas 75270-2102
moore.gary@epa.gov

cell: 214.789.1627
office: 214.665.6609



Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/2/2021 5:57:07 PM
To: Durant, Jennah [Durant.Jennah@epa.gov]
CC: R6 RRC [R6_RRC@epa.gov]; Moore, Gary [Moore.Gary@epa.gov]; Petersen, Chris [petersen.chris@epa.gov]; Carroll, Craig [Carroll.Craig@epa.gov]; Adams, Adam [Adams.Adam@epa.gov]; Assunto, Carmen [Assunto.Carmen@epa.gov]
Subject: Re: For review: EOC bullets

Looks good to me

Sent from my iPhone

On Sep 2, 2021, at 12:13 PM, Durant, Jennah <Durant.Jennah@epa.gov> wrote:

HQ wants us to review and approve these statements and background info for the press secretary to use on a call with the AP. These are from HQ EOC. (They also have the ASPECT statement we provided.) Please let me know if these are OK:

Draft general statement:

EPA is committed to deploying resources at our disposal to help communities impacted by the storm. EPA's ASPECT aircraft – the Agency's airborne real-time chemical and radiological detection, infrared and photographic imagery platform – has been activated to support the state of Louisiana. ASPECT will generate data on a list of priority sites identified by the state of Louisiana, which includes the Phillips 66 site.

Background info for Michael/AP:

- It appears that the Phillips 66 Alliance Refinery has self-reported to the National Response Center (NRC) and has begun cleanup operations. The U.S. Coast Guard is the lead federal agency tracking this issue. Please reach out to Coast Guard for additional information as they are the lead agency monitoring this situation.
- EPA is the lead federal response agency for oil spills occurring in inland waters and the U.S. Coast Guard is the lead response agency for spills in coastal waters and deepwater ports. When a report is made to the National Response Center (NRC) about a release or spill, the NRC immediately notifies a pre-designated EPA or U.S. Coast Guard On-Scene Coordinator, based on the location of the spill. The OSC determines the status of the local response and monitors the situation to determine whether, or how much, federal involvement is necessary. It is the OSC's job to ensure that the cleanup, whether accomplished by industry, local, state, or federal officials, is appropriate, timely, and minimizes human and environmental damage.

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/8/2021 9:10:53 PM
To: Durant, Jennah [Durant.Jennah@epa.gov]; R6 RRC [R6_RRC@epa.gov]; Moore, Gary [moore.gary@epa.gov]; Stenger, Wren [stenger.wren@epa.gov]; Thompson, Steve [thompson.steve@epa.gov]; Carroll, Craig [Carroll.Craig@epa.gov]; Adams, Adam [Adams.Adam@epa.gov]
CC: Loesel, Matthew [loesel.matthew@epa.gov]; Petersen, Chris [petersen.chris@epa.gov]
Subject: RE: URGENT Review needed--draft press release

My edits below:

EPA Air Monitoring Efforts Continue in Communities Impacted by Hurricane Ida

Media contacts: R6Press@epa.gov or Press@epa.gov

DALLAS – (Sept. 8, 2021) The U.S. Environmental Protection Agency (EPA) continues monitoring air quality in Louisiana communities affected by Hurricane Ida. Today, at the request of the Louisiana Department of Environmental Quality (LDEQ), EPA will begin air monitoring and sampling near certain industrial facilities in communities affected by Hurricane Ida. In addition, EPA’s ASPECT aircraft remains in the area to assess potential emissions releases at certain industrial facilities. EPA also expects to reinstall specialty monitors soon at Denka Performance Elastomers in Reserve. The monitors had been secured and partially dismantled before the hurricane made landfall.

Community Monitoring

EPA will use summa canisters to sample ambient air for volatile organic compounds (VOCs) and utilize air monitors for fine particle pollution, known as PM 2.5 at certain locations specified by LDEQ. The canisters will measure VOCs using 24-hour samples and PM 2.5 will be measured through continuous monitoring. The locations are:

- Shell Refinery—Norco
- Denka Performance Elastomer—Reserve
- Marathon Refinery—Garyville
- LDEQ’s Irish Channel air monitoring site
- Port Fourchon

Samples will be sent to a lab for analysis, resulting in a roughly 24-hour processing time. Monitoring results will be available at response.epa.gov/HurricaneIda.

Denka Performance Elastomer Monitoring

As part of an ongoing effort to monitor and reduce emissions of chloroprene at the Denka Performance Elastomer facility in Reserve, EPA previously installed monitors known as Spods at the facility fence line and at several locations in the community. These monitors were secured and some parts were removed prior to Hurricane Ida’s landfall. EPA began reinstalling monitors this week and expects most will be functioning as normal by Friday.

ASPECT Air Monitoring

On September 2, EPA deployed the ASPECT plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. ASPECT, or Airborne Spectral Photometric Environmental Collection Technology, is EPA’s only airborne real-time chemical and radiological detection, infrared and photographic imagery platform. Facilities ASPECT has surveyed include:

- Shell Refinery West and East—Norco
- Marathon Refinery—Garyville
- Phillips 66 pipeline
- Union Carbide Corp.—St. Charles Plant

ASPECT remains available to continue monitoring in support of federal and state response efforts. ASPECT maps and summaries can be viewed on <https://response.epa.gov/HurricaneIda>

LDEQ remains the lead agency for air monitoring in the state of Louisiana. More information can be found at <https://airquality.deq.louisiana.gov/>.

EPA continues to support FEMA, state, local, and tribal partners in response to Hurricane Ida. EPA encourages affected communities to continue staying alert for instructions from local authorities. Additional information about EPA's efforts can be found at <https://response.epa.gov/HurricaneIda>.

Connect with EPA Region 6:

On Facebook: <https://www.facebook.com/eparegion6>

On Twitter: <https://twitter.com/EPAregion6>

About EPA Region 6: <https://www.epa.gov/aboutepa/epa-region-6-south-central>

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Durant, Jennah <Durant.Jennah@epa.gov>

Sent: Wednesday, September 8, 2021 3:49 PM

To: R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Stenger, Wren <stenger.wren@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>

Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>

Subject: URGENT Review needed--draft press release

Attached is the draft press release on air monitoring activities. Please review and send me your edits as soon as possible.

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/8/2021 10:38:05 PM
To: Patel, Anish [patel.anish@epa.gov]
Subject: FW: URGENT Review needed--draft press release
Attachments: Hurricane Ida air monitoring PR .docx

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Durant, Jennah <Durant.Jennah@epa.gov>
Sent: Wednesday, September 8, 2021 4:31 PM
To: Stenger, Wren <stenger.wren@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>
Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>
Subject: RE: URGENT Review needed--draft press release

This version incorporates edits. I left SPods as-is; I don't think more technical explanation will be helpful in this case. I also removed "at the fenceline" from that paragraph at Steve's suggestion. Please let me know if there are any more edits so I can send this to David for his approval.

From: Stenger, Wren <stenger.wren@epa.gov>
Sent: Wednesday, September 8, 2021 4:22 PM
To: R6 RRC <R6_RRC@epa.gov>; Durant, Jennah <Durant.Jennah@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>
Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>
Subject: RE: URGENT Review needed--draft press release

Eric, what about including the "Tentatively Identified Compounds" for the summa canisters in paragraph 2?

WREN STENGER
DIRECTOR, SUPERFUND AND EMERGENCY MANAGEMENT
EPA REGION 6 DALLAS, TEXAS
214.665.6583

From: R6 RRC <R6_RRC@epa.gov>
Sent: Wednesday, September 08, 2021 4:17 PM
To: Stenger, Wren <stenger.wren@epa.gov>; Durant, Jennah <Durant.Jennah@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>

Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>

Subject: RE: URGENT Review needed--draft press release

Jennah,
See comments to help explain the SPods.
VR,
Adam

From: Stenger, Wren <stenger.wren@epa.gov>

Sent: Wednesday, September 8, 2021 4:07 PM

To: Durant, Jennah <Durant.Jennah@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>

Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>

Subject: RE: URGENT Review needed--draft press release

Jennah, a few comments from me. Also, see the comment on the canister sampling. I understood the Tentatively Identified Compounds were included in this sampling. I believe the LDEQ mission request has the information in it. Eric will know.

WREN STENGER
DIRECTOR, SUPERFUND AND EMERGENCY MANAGEMENT
EPA REGION 6 DALLAS, TEXAS
214.685.6563

From: Durant, Jennah <Durant.Jennah@epa.gov>

Sent: Wednesday, September 08, 2021 3:49 PM

To: R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Stenger, Wren <stenger.wren@epa.gov>; Thompson, Steve <thompson.steve@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>

Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>

Subject: URGENT Review needed--draft press release

Attached is the draft press release on air monitoring activities. Please review and send me your edits as soon as possible.

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/2/2021 9:23:03 PM
To: Durant, Jennah [Durant.Jennah@epa.gov]
CC: R6 RRC [R6_RRC@epa.gov]; Moore, Gary [Moore.Gary@epa.gov]; Adams, Adam [Adams.Adam@epa.gov]; Carroll, Craig [Carroll.Craig@epa.gov]; Petersen, Chris [petersen.chris@epa.gov]; Assunto, Carmen [Assunto.Carmen@epa.gov]
Subject: Re: New media inquiry--EPA activities

No edits required by me. Looks great!

Sent from my iPhone

On Sep 2, 2021, at 3:48 PM, Durant, Jennah <Durant.Jennah@epa.gov> wrote:

See below. This is another inquiry that HQ EOC drafted a response for. Let me know if this looks OK:

Inquiry:

Looking for any and all info that might be available about assessments of damage/environmental issues for Ida in Louisiana/offshore. National Response Center hasn't posted anything since Sunday. There is major flaring going on at numerous facilities along the river between New Orleans and Baton Rouge, and there have been reports of several spills offshore, with no details by Witts/O'Brien to Louisiana DEQ. DEQ has set up a temporary MAML surveillance lab in Norco, but no data yet. They have teams on the ground surveying thru the state, but again, no real data yet.

Does EPA have any similar teams out? Any overflights sniffing for emissions? Any other stuff going on?

Any assistance would be greatly appreciated.

Draft Response:

EPA is in regular, ongoing communication with FEMA, federal, state, tribal, and local partners, and is committed to deploying resources at our disposal to help communities impacted by the storm. EPA's ASPECT aircraft – the Agency's airborne real-time chemical and radiological detection, infrared and photographic imagery platform – has been activated to support the state of Louisiana. ASPECT will generate data on a list of priority sites identified by the state of Louisiana.

As of September 1, EPA had completed assessments for 24 of 25 Superfund sites on the National Priorities List in Louisiana and Mississippi with no documented releases or impacts to the environment. Additionally, today EPA Region 6 & 7 mobile labs were deployed in response to a FEMA Mission Assignment for mobile drinking water lab support in Louisiana. Two EPA drinking water and wastewater subject matter experts were also deployed on September 1 to assist FEMA and Louisiana.

EPA is the lead federal response agency for oil spills occurring in inland waters and the U.S. Coast Guard is the lead response agency for spills in coastal waters and deepwater ports. When a report is made to the National Response Center (NRC) about a release or spill, the NRC immediately notifies a pre-designated EPA or U.S. Coast Guard On-Scene Coordinator, based on the location of the spill. EPA has received 24 NRC reports in EPA's area of responsibility related to Hurricane Ida. None have required EPA response actions at this time.

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/3/2021 1:18:42 PM
To: brian.fontenot@la.gov
CC: Daniel Lambert [daniel.lambert@la.gov]; karen.price2@la.gov; Moore, Gary [moore.gary@epa.gov]
Subject: FW: ASPECT Flights
Attachments: ASPECT Priority List 03Sept21.xlsx; 20210902_EPA_Ida_Response .pptx

FYSA

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Taylor, Jillianne <Taylor.Jillianne@epa.gov>
Sent: Thursday, September 2, 2021 11:08 PM
To: Moore, Gary <Moore.Gary@epa.gov>
Cc: Delgado, Eric <Delgado.Eric@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Patel, Anish <patel.anish@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Argenta, Edward <Argenta.Edward@epa.gov>
Subject: RE: ASPECT Flights

Hi Gary,

I've attached a couple of documents. The excel spreadsheet has a tab showing the facilities that we covered today, and a tab showing the plan for tomorrow.

There is a flight restriction in place for tomorrow – it looks like there will be a VIP visiting New Orleans. Our pilots are aware, and have dealt with getting permission to fly in restricted airspace before. Still, I have chosen our prioritization order for tomorrow to mostly avoid the anticipated restricted areas. We'll start by hitting the two remaining EPA priority sites (CF Industries and Shintech) to get those taken care of, then we'll make our way west away from the restricted areas.

Ed has put together a graphic showing where we have already flown, and where we still have left to fly from the kmz files that Anish provided (thanks Anish!). I've provided that PPT as well. There is a tentative flight schedule in the bottom right corner of the graphic – you will see that we have estimated that we will takeoff around 10 tomorrow to allow time for the computer switch out. I am optimistic that we will get that taken care of quicker, but I will keep you all updated.

Please let me know if you have any questions, or if there is anything else that we can help with!

Thanks,
Jill

From: Moore, Gary <Moore.Gary@epa.gov>
Sent: Thursday, September 2, 2021 10:16 PM
To: Taylor, Jillianne <Taylor.Jillianne@epa.gov>
Cc: Delgado, Eric <Delgado.Eric@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Patel, Anish <patel.anish@epa.gov>; R6 RRC <R6_RRC@epa.gov>
Subject: ASPECT Flights

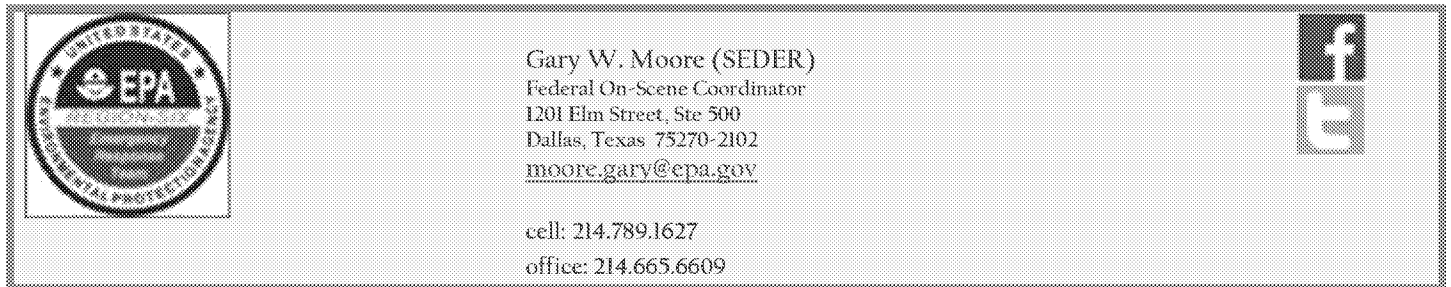
Jill,

Can you provide us a daily update on facilities flown and facilities planned for the next day? I would like something for today (9/2/2021) if you can do it. We will be asked about this tomorrow and probably on a daily basis so it is important.

Flown 9/2/2021 with any highlights or issues

Planned: 9/3/2021

Thanks



Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/3/2021 2:42:03 PM
To: Taylor, Jillianne [Taylor.Jillianne@epa.gov]
CC: Moore, Gary [moore.gary@epa.gov]; Patel, Anish [patel.anish@epa.gov]
Subject: FW: ASPECT Flights
Attachments: Hurricane Ida 02Sep21 Brief Summary.docx

Jill,

Please include the following people on your ASPECT deliverables.

brian.fontenot@la.gov
daniel.lambert@la.gov;
karen.price2@la.gov

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Delgado, Eric
Sent: Friday, September 3, 2021 8:21 AM
To: brian.fontenot@la.gov
Cc: Daniel Lambert <daniel.lambert@la.gov>; karen.price2@la.gov; Moore, Gary <moore.gary@epa.gov>
Subject: FW: ASPECT Flights

FYSA

The ASPECT Team had an issue with the computer that processes the data yesterday. They are moving it over to a new computer and should have it for this morning. As soon as it is processed we will send it over and will get into a normal rhythm of data delivery.

Thanks

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Taylor, Jillianne <Taylor.Jillianne@epa.gov>
Sent: Friday, September 3, 2021 12:18 AM
To: Moore, Gary <Moore.Gary@epa.gov>
Cc: Delgado, Eric <Delgado.Eric@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Patel, Anish <patel.anish@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Argenta, Edward <Argenta.Edward@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: RE: ASPECT Flights

Hi Gary,

I've attached a brief mission report that covers today (Sept 02) and a summary of the plan for tomorrow. Please let me know if there is anything else that would be useful to include.

Thank you,
Jill

From: Taylor, Jillianne
Sent: Thursday, September 2, 2021 11:08 PM
To: Moore, Gary <moore.gary@epa.gov>
Cc: Delgado, Eric <Delgado.Eric@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Patel, Anish <patel.anish@epa.gov>; R6 RRC <R6_RRC@epa.gov>; Argenta, Edward <Argenta.Edward@epa.gov>
Subject: RE: ASPECT Flights

Hi Gary,

I've attached a couple of documents. The excel spreadsheet has a tab showing the facilities that we covered today, and a tab showing the plan for tomorrow.

There is a flight restriction in place for tomorrow – it looks like there will be a VIP visiting New Orleans. Our pilots are aware, and have dealt with getting permission to fly in restricted airspace before. Still, I have chosen our prioritization order for tomorrow to mostly avoid the anticipated restricted areas. We'll start by hitting the two remaining EPA priority sites (CF Industries and Shintech) to get those taken care of, then we'll make our way west away from the restricted areas.

Ed has put together a graphic showing where we have already flown, and where we still have left to fly from the kmz files that Anish provided (thanks Anish!). I've provided that PPT as well. There is a tentative flight schedule in the bottom right corner of the graphic – you will see that we have estimated that we will takeoff around 10 tomorrow to allow time for the computer switch out. I am optimistic that we will get that taken care of quicker, but I will keep you all updated.

Please let me know if you have any questions, or if there is anything else that we can help with!

Thanks,
Jill

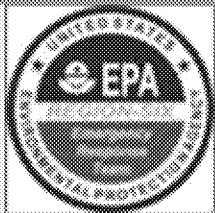
From: Moore, Gary <Moore.Gary@epa.gov>
Sent: Thursday, September 2, 2021 10:16 PM
To: Taylor, Jillianne <Taylor.Jillianne@epa.gov>
Cc: Delgado, Eric <Delgado.Eric@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Patel, Anish <patel.anish@epa.gov>; R6 RRC <R6_RRC@epa.gov>
Subject: ASPECT Flights

Jill,

Can you provide us a daily update on facilities flown and facilities planned for the next day? I would like something for today (9/2/2021) if you can do it. We will be asked about this tomorrow and probably on a daily basis so it is important.

Flown 9/2/2021 with any highlights or issues
Planned: 9/3/2021

Thanks



Gary W. Moore (SEDER)
Federal On-Scene Coordinator
1201 Elm Street, Ste 500
Dallas, Texas 75270-2102
moore.gary@epa.gov



cell: 214.789.1627
office: 214.665.6609

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/3/2021 2:43:53 PM
To: Assunto, Carmen [assunto.carmen@epa.gov]; R6 RRC [R6_RRC@epa.gov]
CC: Adams, Adam [Adams.Adam@epa.gov]; Moore, Gary [moore.gary@epa.gov]; Petersen, Chris [petersen.chris@epa.gov]; Acevedo, Janie [acevedo.janie@epa.gov]; Loesel, Matthew [loesel.matthew@epa.gov]; Durant, Jennah [Durant.Jennah@epa.gov]
Subject: RE: Review HQ talking points - due by 9:50 am

Approved

Thank you Carmen!

Eric Delgado
Federal On Scene Coordinator
214.437.9809
Delgado.Eric@epa.gov

From: Assunto, Carmen <Assunto.Carmen@epa.gov>
Sent: Friday, September 3, 2021 9:19 AM
To: R6 RRC <R6_RRC@epa.gov>
Cc: Adams, Adam <Adams.Adam@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Durant, Jennah <Durant.Jennah@epa.gov>
Subject: Review HQ talking points - due by 9:50 am

These are the public talking points that will go on our front page of response.epa.gov. Please give me edits by 9:50 am. Thank you. Carmen

**Hurricane Ida
EPA Emergency Operations Center Talking Points
September 3, 2021**

EPA Actions

- EPA is in regular, ongoing communication with federal, state, tribal, and local partners, and the Agency is participating in daily Hurricane Taskforce calls to discuss storm response and resource availability. EPA is committed to deploying resources at our disposal to help communities impacted by the storm.
- On September 2, EPA issued a second waiver of the Reid Vapor Pressure (RVP) requirements in Louisiana and Mississippi as part of the EPA's response to Hurricane Ida. Under this temporary waiver, regulated parties may produce, sell and distribute winter gasoline in Louisiana and Mississippi with a Reid vapor pressure of no more than 11.5psi before the addition of ethanol. The waiver begins September 2 and continues through September 15. This second waiver supersedes the first waiver from August 30, 2021.
- EPA identified 25 National Priorities List (NPL) sites in affected counties in Regions 4 and 6. As of September 2, assessments for all 25 NPL sites in affected counties in Louisiana and Mississippi are complete with no documented releases or impacts to the environment.
- Louisiana is reporting 17 of their ambient air monitoring sites had stopped polling, due to power outages, as of August 31. Mississippi DEQ indicates that all three coastal ambient air monitors are reporting data.
- EPA continues to share information with the public on indoor air dangers and urging affected communities to use portable generators safely, avoid contact with building debris, and look out for mold from flood waters.

- Facilities, local governments, responders, and communities can report oil, chemical or hazardous substance spills or discharge by calling the EPA National Response Center at 800-424-8802.

Region 6

- On September 2, EPA's Airborne Spectral Photometric Environmental Collection Technology (ASPECT) flew an initial chemical and photometric screening mission in support of EPA's response to Hurricane Ida. The priority for this flight was reconnaissance of five facilities identified by Louisiana Department of Environmental Quality & EPA: Shell Chemical LP - Norco Chemical Plant - East Site; Marathon Petroleum Company LP - Louisiana Refining Division - Garyville Refinery; Shell Chemical LP - Norco Chemical Plant West Site; PHILLIPS 66 PIPELINE LLC; Union Carbide Corp - St. Charles Plant^[SM1]. EPA plans to assess 11 sites on September 3.
- EPA Region 6 has received a Mission Assignment for two FEMA ESF-3 Water Subject Matter Experts, and two water personnel deployed to the field with the state on September 2, 2021.
- The Waterford – 3 nuclear power plant exited the Notice of Unusual Event when offsite power was restored. No releases of radioactive material requiring offsite response or monitoring occurred.
- EPA is in contact with Shell Norco, which is shut down and residual gases are going to flares. Excessive smoke seen in the community is a result of a lack of electricity and the inability to supply steam and nitrogen to the flare. Shell is conducting fence line and community air monitoring and reporting that information to the St. Charles Parish EOC. Their engineers are attempting to reduce emissions to flare.
- FEMA issued a Mission Assignment under ESF-3 to send EPA's Region 6 and 7 mobile drinking labs to the affected area in Region 6 on September 2.
- EPA Region 6 has received a total of 24 National Response Center (NRC) reports related to Hurricane Ida, in EPA jurisdiction. None have required EPA response.

Region 4

- At this time, EPA Region 4 has not received requests for assistance from any Region 4 State or Federally Recognized Indian Tribe. Region 4 has also not received any requests under FEMA ESF-3 or ESF-10 and has not received any reports of oil or hazardous substance incidents requiring EPA response.
- Mississippi DEQ indicates that all three coastal ambient air monitors are reporting data.
- EPA has reached all four Federal Response Plan (FRP) facilities in coastal Mississippi. No oil discharges or issues have been reported.

Region 3

- EPA Region 3 received six NRC Reports associated with Ida. One of them resulted in the deployment of an OSC after Pennsylvania Department of Environmental Protection (PADEP) requested assistance with a home heating oil container spilled due to flooding adjacent to the Brugetts Fork River. The spill was cleaned by a contractor, and the OSC will continue to coordinate with the PADEP.

Region 2

- In New Jersey, preliminary assessments of the American Cyanamid Superfund site in Bridgewater, shows significant and wide-spread flooding of the site. Due to its proximity to the Raritan River, this site is known to flood and as a result has a flood management and response plan previously approved by EPA, which has been activated. The plan includes testing and treatment of floodwaters trapped on site, if necessary, prior to discharge. The on-site water treatment plant is operational, and floodwaters can be safely released through floodgates after sampling has taken place. Impoundments on-site are being monitored. EPA will ensure that all appropriate response measures are implemented as needed.

Other Information

- If requested, EPA is prepared to mobilize the Trace Atmospheric Gas Analyzer, or TAGA, a self-contained mobile laboratory to detect hazardous air releases. The lab bus is capable of real-time sampling and analysis at remote locations. TAGA aids efforts to rapidly identify and address potential environmental threats in disaster areas.
-

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/2/2021 1:54:50 PM
To: Fisher, Bray [fisher.kelsey@epa.gov]; Moore, Gary [Moore.Gary@epa.gov]
Subject: Fwd: ASPECT Fwd: Facilities Template Spreadsheet
Attachments: ASPECT flyover MA request.pdf; Copy of Facilities Template - LDEQ ASPECT 20210901.xlsx

Sent from my iPhone

Begin forwarded message:

From: "Karen Price (DEQ)" <Karen.Price2@la.gov>
Date: September 1, 2021 at 4:59:09 PM CDT
To: "Patel, Anish" <patel.anish@epa.gov>
Cc: brian.fontenot@la.gov, Daniel Lambert <Daniel.Lambert@la.gov>, "Delgado, Eric" <Delgado.Eric@epa.gov>
Subject: RE: ASPECT Fwd: Facilities Template Spreadsheet

Anish,

Attached is the Facility list for the requested ASPECT aerial flight as we discussed. Included are Priority 1 and 2 facilities within the requested Parishes. LDEQ is requesting that all Priority 1 facilities be included in the overflight. Priority 2 facilities in the heavily impacted Parishes should be prioritized. Any Priority 2 facilities not in heavily impacted areas may be deprioritized based on the requested flight frequency. Also attached is the MA Request which includes the contact information for Brian Fontenot if you have further information needs. Thank you for your assistance.

Karen Price, LEM

Louisiana Department of Environmental Quality
Surveillance Division/Waste
Senior Environmental Scientist
Deputy Incident Commander/Liaison
225-219-3612 (office)
225-936-8832 (cell)
Karen.Price2@la.gov

From: Delgado, Eric <Delgado.Eric@epa.gov>
Sent: Wednesday, September 1, 2021 3:17 PM
To: Daniel Lambert <Daniel.Lambert@LA.GOV>
Cc: Karen Price (DEQ) <Karen.Price2@LA.GOV>; Brian Fontenot <Brian.Fontenot@LA.GOV>; Patel, Anish <patel.anish@epa.gov>
Subject: Re: ASPECT Fwd: Facilities Template Spreadsheet

EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.

Please include Anish Patel on any emails regarding ASPECT targets.

Thanks

Sent from my iPhone

On Sep 1, 2021, at 2:33 PM, Daniel Lambert <Daniel.Lambert@la.gov> wrote:

Brian & Karen,
See below.

From: Delgado, Eric <Delgado.Eric@epa.gov>
Sent: Wednesday, September 1, 2021 2:19 PM
To: Daniel Lambert <Daniel.Lambert@LA.GOV>
Subject: ASPECT Fwd: Facilities Template Spreadsheet

<p>EXTERNAL EMAIL: Please do not click on links or attachments unless you know the content is safe.</p>
--

Please have your staff fill out the attached template so the ASPECT team can create their flight plan.

Thanks

I also need to know what standards you want us to compare the readings to?

Sent from my iPhone

Begin forwarded message:

From: "Patel, Anish" <patel.anish@epa.gov>
Date: September 1, 2021 at 2:07:01 PM CDT
To: "Delgado, Eric" <Delgado.Eric@epa.gov>
Subject: Facilities Template Spreadsheet

See attached.

Anish Patel
Federal On Scene Coordinator (FOSC)
U.S. Environmental Protection Agency – Region 6
1201 Elm Street (SEDEC)
Dallas, TX 75270
Office: (214) 665-2288
Mobile: (469) 510-9721

<Facilities Template.xlsx>

Message

From: Delgado, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C0A5D54D3C8645CA8B12882026B3FBA3-DELGADO, ERIC]
Sent: 9/4/2021 6:34:57 PM
To: Nguyen, Lyndsey [Nguyen.Lyndsey@epa.gov]
CC: Loesel, Matthew [loesel.matthew@epa.gov]; R6 RRC [R6_RRC@epa.gov]; Moore, Gary [Moore.Gary@epa.gov]; Carroll, Craig [Carroll.Craig@epa.gov]
Subject: Re: 09.02.21 ASPECT Flight Map

You are the boss! 😊

Happy to discuss the pros/cons of the change during the hot wash

Sent from my iPhone

On Sep 4, 2021, at 11:10 AM, Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov> wrote:

Eric, my suggestion was actually using the same map, same scale (maybe even zoomed in if we can remove the turns) but adding blue lines on top of the green lines to show where on the green lines the data was collected. The map (with green and blue lines) has been a standard data product used by ASPECT for their reports (different than their briefs). It's generated during every response.

For now, the suggested language and changes are fine. For the future, we need to make changes in how we message to upper management for ASPECT data (at a minimum), as well as any data products in our reporting.

Let's add this topic to hotwash to discuss further.

Thanks,

Lyndsey

Sent from my iPhone

On Sep 4, 2021, at 9:09 AM, Delgado, Eric <Delgado.Eric@epa.gov> wrote:

Looks good!

Thanks all. Please make the edits

Sent from my iPhone

On Sep 4, 2021, at 9:07 AM, Loesel, Matthew
<loesel.matthew@epa.gov> wrote:

Sorry I sent original message from wrong email. We will get that change made

From: R6 RRC <R6_RRC@epa.gov>
Sent: Saturday, September 4, 2021 9:02 AM
To: R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>
Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: RE: 09.02.21 ASPECT Flight Map

Suggest we update the legend to show "Flight path" rather than "Flight Data"?

From: R6 RRC <R6_RRC@epa.gov>
Sent: Saturday, September 4, 2021 8:52 AM
To: Delgado, Eric <Delgado.Eric@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>
Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>; R6 RRC <R6_RRC@epa.gov>
Subject: RE: 09.02.21 ASPECT Flight Map

Please review this language and let me know your thoughts (changes are highlighted)

ASPECT:

The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants in the vicinity of priority industrial facilities between Baton Rouge and New Orleans, Louisiana on September 02, 2021. This map shows the flight path ASPECT used, however data collection only occurs in the vicinity of the facilities on the map. The screening level results from ASPECT were compared to the Texas' Air Monitoring Comparison Values (AMCVs) and California's Office of Health Hazard Assessment Acute Reference Exposure Levels (RELs). No detectable analyte concentrations were observed.

From: Delgado, Eric <Delgado.Eric@epa.gov>
Sent: Saturday, September 4, 2021 8:35 AM
To: Moore, Gary <Moore.Gary@epa.gov>
Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>; R6 RRC <R6_RRC@epa.gov>
Subject: Re: 09.02.21 ASPECT Flight Map

I agree Gary

Matt,
Please work with the EU and ASPECT team to tighten up the language.
We
Thanks for the suggestion Lyndsey!

Sent from my iPhone

On Sep 4, 2021, at 7:56 AM, Moore, Gary
<Moore.Gary@epa.gov> wrote:

Eric, I understand what you are saying. Technically, the map is misleading so do we need to do something to tighten up the language. I don't want to change anything unless the team discusses it.

From: Delgado, Eric <Delgado.Eric@epa.gov>
Sent: Saturday, September 4, 2021 7:52 AM
To: Loesel, Matthew <loesel.matthew@epa.gov>
Cc: Moore, Gary <Moore.Gary@epa.gov>; Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>; R6 RRC <R6_RRC@epa.gov>
Subject: Re: 09.02.21 ASPECT Flight Map

Matt is correct. This is how we've been showing ASPECT missions since Harvey.

Due to the scale of the map, we would have to create individual maps of every facility where the plane collected data.

Not sure we want to change.

Sent from my iPhone

On Sep 4, 2021, at 7:49 AM, Loesel, Matthew <loesel.matthew@epa.gov> wrote:

We have not, we have used the map with the paths, but we were talking about adding the facilities this time to show where we were collecting data

From: Moore, Gary
<Moore.Gary@epa.gov>
Sent: Saturday, September 4, 2021 7:47 AM
To: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Cc: Loesel, Matthew <loesel.matthew@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; R6 RRC <R6_RRC@epa.gov>

Subject: RE: 09.02.21 ASPECT Flight Map

Thank you Lyndsey

Matt – how do we show where the data collection was being done or have we done that in the past

From: Nguyen, Lyndsey
<Nguyen.Lyndsey@epa.gov>
Sent: Saturday, September 4, 2021 7:14 AM
To: Moore, Gary
<Moore.Gary@epa.gov>
Subject: Re: 09.02.21 ASPECT Flight Map

Hey Gary,

For consideration/FYI, this map might not be the best to send to the RA. It could be misleading. You might want to pair this map with the map showing where the data was “collected” to prevent the RA (or anyone else that he sends this to) from misinterpreting that all the green lines are where data was assessed.

-Lyndsey

Sent from my iPhone

On Sep 4, 2021, at
12:00 AM, Moore, Gary
<Moore.Gary@epa.gov>
> wrote:

<image001.jpg>

Gary W. Moore (SEDER)
Federal On-Scene Coordinator
1201 Elm Street, Ste 500
Dallas, Texas 75270-2102
moore.gary@epa.gov

cell: 214.789.1627
office: 214.665.6609

<ASPECT MAP -
Hurricane
Ida_20210903_rev1.pdf
>

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/4/2021 10:20:02 PM
To: Rosario, Joel [joel.rosario@fema.dhs.gov]
Subject: FW: EPA ASPECT Mission Plan for Hurricane Ida Response - 20210904
Attachments: FEMA_20210904_EPA_Ida_Response.pptx

It looks like Ed Argenta with ASPECT sends this daily to Cody and Glen with FEMA. Is this what you were looking for?
Thanks!

From: Argenta, Edward <Argenta.Edward@epa.gov>
Sent: Friday, September 3, 2021 10:14 PM
To: McKown, Cody <cody.mckown@fema.dhs.gov>; Russell, Glen <glen.russell@fema.dhs.gov>
Cc: R6 RRC <R6_RRC@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Mekeel, Edward <mekeel.edward@epa.gov>; Fisher, Bray <fisher.kelsey@epa.gov>; Honnellio, Anthony <Honnellio.Anthony@epa.gov>; Moore, Gary <Moore.Gary@epa.gov>; Taylor, Jillianne <Taylor.Jillianne@epa.gov>; Pandey, Siddharth (CTR) <siddharth.pandey@associates.fema.dhs.gov>; Perovich, Gina <Perovich.Gina@epa.gov>
Subject: EPA ASPECT Mission Plan for Hurricane Ida Response - 20210904

Hi All,

Please find the attached slide which summarizes what we accomplished to date (black icons), our plan for 20210904 (blue icons), and the remaining facilities to screen (red/orange icons). You'll find our planned flight times and record of today's(20210903) flight hours. If you'd like this information in a different method/format or would benefit from a table of GPS locations for our planned activities please let me know.

Respectfully,
Ed

Edward Argenta Jr
Branch Chief
Field Operations Branch
CBRN Consequence Management Advisory Division
Office of Emergency Management
Argenta.edward@epa.gov
Gov't Mobile: 202.843.4511
Office #: 202.564.4528
Office: WJC-N - B517R

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/5/2021 9:02:32 PM
To: Robinson, Timothy [timothy.robinson@fema.dhs.gov]
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

I'll look into that.

From: Robinson, Timothy <timothy.robinson@fema.dhs.gov>
Sent: Sunday, September 5, 2021 3:55 PM
To: Fisher, Bray <fisher.kelsey@epa.gov>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

What is the status of the situation at Shell Norco?

Respectfully,

Tim Robinson, MEd, NRP, CFPS
Deployed as Emergency Services Branch Director for TC Ida DR-4611
Management and Program Analyst
Capability & Capacity | Integration Branch | Workforce Development Division | Field Operations Directorate
Mobile: (202) 679-9111
Email: timothy.robinson@fema.dhs.gov

Federal Emergency Management Agency
[Fema.gov](https://www.fema.gov)



FEMA

Compassion – Fairness – Integrity – Respect

From: Fisher, Bray <fisher.kelsey@epa.gov>
Sent: Sunday, September 5, 2021 3:47 PM
To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>
Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <Michael.K.Sams@uscg.mil>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/5/21:

Current Activities

- As of 13:00 on 09/05/21: EPA has received a total of 160 National Response Center (NRC) reports with 34 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:00 on 09/05/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/05/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.

- As of 14:00 on 09/05/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 1857
Total targets not assessed: 1478.
Total targets assessed: 379.
Total targets assessed as a threat, require USCG action: 43.
Total targets assessed as a threat that require USCG monitoring: 263.
Total Targets assessed and not found: 0.
Total targets assessed action complete: 0.
Total targets no Coast Guard Action required: 64.
- As of 14:00 on 09/05/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. OSRO was hired to conduct clean-up operations and discovered oiled wildlife. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF is preparing to stage a wildlife rehabilitation center.
- As of 14:00 on 09/05/21: Talos Energy Pipeline/Port Fourchon: Witt O'Brien was hired as OSRO who sub-contracted Clean Gulf Associates for skimming boats, divers on scene attempting to find point source for the discharge along the pipeline. Line was reported shut-in with residual product.
- As of 14:00 on 09/05/2021: ATC Mobile conducted overflight of portions of MSU Houma AOR with a gulf strike team rider, specifically to gain clarity on the situation surrounding the Talos Energy Pipeline. They discovered an 11NM rainbow sheen which they believe is originating from the Talos Pipeline. They also discovered a actively discharging wellhead in the nearby area. The wellhead is spraying oil, creating a 20 yd by 20 yd area of recoverable product. 02 potential RP's have been identified, but MSU Houma has mobilized their OSRO (T&T) to prepare to respond in the case that an RP cannot respond in a timely manner.

Teams Deployed / Status

- As of 14:30 on 09/05/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities. ASPECT overflow 19 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/5/21:

Current Activities

- As of 08:30 on 9/5/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	89	83,686
Boil Water Advisories	218	1,050,694
Cleared of Boil Water Advisories	13	33,538

* As of 8:30 am on September 5, 2021

Teams Deployed / Status

- As of 14:30 on 09/05/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/05/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

From: Fisher, Bray

Sent: Saturday, September 4, 2021 3:53 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/4/21:

Current Activities

- As of 13:00 on 09/04/21: EPA has received a total of 142 National Response Center (NRC) reports with 33 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/04/21: EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. On September 3, 2021, ASPECT overflowed 10 facilities on the LDEQ priority list.
- As of 15:00 on 09/04/21: USCG continues to conduct port assessments of impacted areas, however debris and damage on the roadways are presenting a challenge.
- As of 15:00 on 09/04/21: USCG reports waterways continue to be assessed and opened, updates sent out daily.

Teams Deployed / Status

- As of 14:30 on 09/04/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities

ESF-3 Report (EPA) for 9/4/21:

Current Activities

- As of 08:30 on 9/4/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	107	133,779
Boil Water Advisories	205	1,020,707
Cleared of Boil Water Advisories	6	13,432

* As of 8:30 am on September 4, 2021

Teams Deployed / Status

- As of 14:30 on 09/04/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/04/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/7/2021 9:27:52 PM
To: HQ EOC ESF-10 Representative [HQ_ESF10@epa.gov]
Subject: RE: Input for SLB?

ESF-10 Report (EPA and USCG) for 9/7/21:

Current Activities

- As of 13:00 on 09/07/21: EPA has received a total of 178 National Response Center (NRC) reports with 41 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/07/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.
- As of 14:30 on 09/07/21: LDEQ reported that 9 of their ambient air monitoring sites have stopped polling due to power outages as of September 7, 2021. LDEQ's Mobile Air Monitoring Labs (MAMLs) are positioned in Norco and Marrero
- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. At this time an ESF #10 Mission Assignment to EPA for assistance with orphan containers and spills is not anticipated. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 18:00 on 09/06/21: Salvage operations continue to be monitored through the incident specific salvage group.
- The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2098.

Total targets not assessed: 1311.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 437.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 46.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 114.

As of 18:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.

- As of 18:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Regulators support plugging, but confirmed Talos is not obligated or required. Skimming operations have concluded.
- As of 18:00 on 09/06/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has

stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/07/21: On September 7, 2021, EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida, the mission is currently scheduled through September 7, 2021. ASPECT did not fly on September 6, 2021 due to weather issues.
-

From: Fisher, Bray

Sent: Monday, September 6, 2021 3:37 PM

To: HQ EOC ESF-10 Representative <HQ_ESF10@epa.gov>

Subject: RE: Input for SLB?

ESF-10 Report (EPA and USCG) for 9/6/21:

Current Activities

- As of 13:00 on 09/06/21 EPA has received a total of 171 National Response Center (NRC) reports with 39 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer
- As of 14:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/06/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2056.

Total targets not assessed: 1332.

Total targets assessed: 724.

Total targets assessed as a threat, require USCG action: 79.

Total targets assessed as a threat that require USCG monitoring: 410.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 44.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 96.

- As of 14:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.
- As of 14:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by IDA discharging residual crude oil. RP-led, response skimming recoverable oil. Divers completed underwater assessment of the TALOS Energy pipeline and found no ruptures/failures of any kind. TALOS activated their OSRO to conduct skimming operations. USCG overflight results showed rainbow sheening in the area but no recoverable product. USCG maintaining communications w/ RP.
- As of 14:00 on 09/06/2021: S2 Energy Update: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered on 05 Sep 21 via CG overflight out of ATC Mobile. S2 energy initiated response actions and

were able to secure the source of the discharge at approximately 1945 on 05 Sep 21 by closing the casing valve at the discharge source. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. 1 Clean Gulf Associate 95' skimming vessel remains on scene conducting recovery operations, with little to no recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. USCG personnel arrived on scene and confirmed no sheen within or on the exterior of the boom.

Teams Deployed / Status

- As of 14:30 on 09/06/21: On September 6, 2021, ASPECT was unable to fly due to storms in the mission area, the mission is currently scheduled through September 7, 2021. On September 5, 2021, ASPECT overflowed 25 facilities on the LDEQ priority list.

From: Fisher, Bray

Sent: Sunday, September 5, 2021 4:56 PM

To: HQ EOC ESF-10 Representative <HQ_ESF10@epa.gov>

Subject: RE: Input for SLB?

I did it again! It's like the moment my report is due I get a ton of calls and get distracted! See below:

ESF-10 Report (EPA and USCG) for 9/5/21:

Current Activities

- As of 13:00 on 09/05/21: EPA has received a total of 160 National Response Center (NRC) reports with 34 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:00 on 09/05/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/05/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/05/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 1857

Total targets not assessed: 1478.

Total targets assessed: 379.

Total targets assessed as a threat, require USCG action: 43.

Total targets assessed as a threat that require USCG monitoring: 263.

Total Targets assessed and not found: 0.

Total targets assessed action complete: 0.

Total targets no Coast Guard Action required: 64.

- As of 14:00 on 09/05/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. OSRO was hired to conduct clean-up operations and discovered oiled wildlife. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF is preparing to stage a wildlife rehabilitation center.
- As of 14:00 on 09/05/21: Talos Energy Pipeline/Port Fourchon: Witt O'Brien was hired as OSRO who sub-contracted Clean Gulf Associates for skimming boats, divers on scene attempting to find point source for the discharge along the pipeline. Line was reported shut-in with residual product.
- As of 14:00 on 09/05/2021: ATC Mobile conducted overflight of portions of MSU Houma AOR with a gulf strike team rider, specifically to gain clarity on the situation surrounding the Talos Energy Pipeline. They discovered an 11NM rainbow sheen which they believe is originating from the Talos Pipeline. They also discovered a actively discharging wellhead in the nearby area. The wellhead is spraying oil, creating a 20 yd by 20 yd area of recoverable product. 02 potential RP's have been identified, but MSU Houma has mobilized their OSRO (T&T) to prepare to respond in the case that an RP cannot respond in a timely manner.

Teams Deployed / Status

- As of 14:30 on 09/05/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities. ASPECT overflow 19 facilities on the LDEQ priority list.

From: HQ EOC ESF-10 Representative <HQ_ESF10@epa.gov>

Sent: Sunday, September 5, 2021 4:50 PM

To: Fisher, Bray <fisher.kelsey@epa.gov>

Subject: RE: Input for SLB?

Hey Bray, no rush, but I just wanted to check in on if you have any inputs today. No worries if it's NSTR.

Meaghan Bresnahan

FEMA NRCC | ESF-10 Oil/HazMat Unit Leader

fema-nrcc-ohul@fema.dhs.gov | HQ_ESF10@epa.gov

(m) (202) 515-1401

From: HQ EOC ESF-10 Representative <HQ_ESF10@epa.gov>

Sent: Saturday, September 4, 2021 6:47 PM

To: Fisher, Bray <fisher.kelsey@epa.gov>; Schlieger, Brian <schlieger.brian@epa.gov>

Cc: Bresnahan, Meaghan <bresnahan.meaghan@epa.gov>

Subject: Re: Input for SLB?

Please don't apologize. I know it can get crazy. Thanks for sending this along.

thanks,

Brian

From: Fisher, Bray <fisher.kelsey@epa.gov>

Sent: Saturday, September 4, 2021 6:43 PM

To: Schlieger, Brian <schlieger.brian@epa.gov>; HQ EOC ESF-10 Representative <HQ_ESF10@epa.gov>

Cc: Bresnahan, Meaghan <bresnahan.meaghan@epa.gov>

Subject: RE: Input for SLB?

I am so sorry. FEMA transitioned to the field so my position changed a bit and I completely got thrown off my schedule and didn't send you my daily report! I will be sending that from now on at 1600 CST. Sorry about that! Thanks!

ESF-10 Report (EPA and USCG) for 9/4/21:

Current Activities

- As of 13:00 on 09/04/21: EPA has received a total of 142 National Response Center (NRC) reports with 33 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/04/21: EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. On September 3, 2021, ASPECT overflow 10 facilities on the LDEQ priority list.

- As of 15:00 on 09/04/21: USCG continues to conduct port assessments of impacted areas, however debris and damage on the roadways are presenting a challenge.
- As of 15:00 on 09/04/21: USCG reports waterways continue to be assessed and opened, updates sent out daily.

Teams Deployed / Status

- As of 14:30 on 09/04/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities

From: Schlieger, Brian <schlieger.brian@epa.gov>

Sent: Saturday, September 4, 2021 5:31 PM

To: HQ EOC ESF-10 Representative <HQ_ESF10@epa.gov>; Fisher, Bray <fisher.kelsey@epa.gov>

Cc: Bresnahan, Meaghan <bresnahan.meaghan@epa.gov>

Subject: Input for SLB?

Bray, hope you are hanging in there and doing well despite all the work you have been doing this week.

I am working the ESF #10 desk at the NRCC today and wanted to check in to see if you had anything new for the SLB.

Thanks

Brian

Brian Schlieger

Chief, Preparedness, Removal, Exercise and Policy Branch

Preparedness & Response Operations Division

OLEM/OEM

US EPA,

1200 Pennsylvania Ave., NW, 6450M

Washington DC, 20460

Office: 202.564.3128

Cell: 202.322.9008

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/9/2021 9:41:45 PM
To: Rosario, Joel [joel.rosario@fema.dhs.gov]
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Thanks, you mentioned that earlier and I forgot to take him off the email. Thanks!

From: Rosario, Joel <joel.rosario@fema.dhs.gov>
Sent: Thursday, September 9, 2021 4:28 PM
To: Fisher, Bray <fisher.kelsey@epa.gov>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Its okay. Thanks for the update. Also, Tim Robinson has demobilized from the DR so you wont have to worry about attaching him on anything.

Thanks, Bray.

Joel

Joel Rosario
Emergency Services Branch Director | IMAT 1 | Region VI
Mobile: (202) 706-2288
joel.rosario@fema.dhs.gov

Federal Emergency Management Agency
fema.gov



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From: Fisher, Bray <fisher.kelsey@epa.gov>
Sent: Thursday, September 9, 2021 4:15 PM
To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; FEMA-R6IMATPlanning-LA <fema-r6imatplanning-la@fema.dhs.gov>
Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <Michael.K.Sams@uscg.mil>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Sorry for the tardiness, I was following up a couple of reporting points.

ESF-10 Report (EPA and USCG) for 9/9/21:

Current Activities

- As of 13:00 on 09/09/21: EPA has received a total of 196 National Response Center (NRC) reports with 47 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer. As of September 9, 2021, EPA will no longer be receiving reports from the US Coast Guard AOR.
- As of 14:30 on 09/09/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.

ExxonMobil Baton Rouge: The facility ended flaring on 9/7/21 at 10:48 am. Currently still in the start-up process.

Shell Norco: at 12% electrical power currently. There is still some visible black smoke coming from the flares, but it is only a small amount currently. Shell Norco is conducting community area monitoring using stationary and roving air monitors. No air monitoring readings have been above action level at this time.

Lake Salvador oil spill: Nothing new to report at this time.

- As of 18:00 on 09/08/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/08/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/08/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/08/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2265.

Total targets not assessed: 822

Total targets assessed as a threat, require USCG action: 92.

Total targets assessed as a threat that require USCG monitoring: 559

Total Targets assessed and not found: 187

Total targets assessed action complete, LIP (left in place): 246

Total targets assessed, removal complete: 11

Total targets assessed, LIP (left in place): 347

- As of 18:00 on 09/08/21: Phillips 66 Alliance Refinery: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LOSCO and LADWF is leading the recovery effort and has begun capturing wildlife and processing through the rehabilitation center. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. Update: 4 LDWF employees on site capturing and documenting impacted wildlife.
- As of 18:00 on 09/08/21: Bay Marchand Pipeline (Formerly referred to as TALOS Energy): Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG verified that Talos was not responsible for the spill. It was determined to originate from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line.

Teams Deployed / Status

- As of 14:30 on 09/09/21: ASPECT has completed the assigned mission of assessing industrial targets identified by the state of Louisiana following Hurricane Ida. On September 8, 2021, ASPECT assessed 18 facilities on the LDEQ priority list plus the Phillips 66 pipeline in St. Charles Parish, where an earlier release had been reported. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.

As of 14:30 on 09/09/21: EPA began roving air monitoring at priority locations as determined by LDEQ. Air sampling started upwind and downwind at Shell Norco and Marathon-Garyville

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/09/21: Nothing new to report.

ESF-3 Report (EPA) for 9/9/21:

Current Activities

- As of 14:30 on 09/09/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 10:00 on 09/09/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	27	41,298
Boil Water Advisories	205	574,395
Cleared of Boil Water Advisories	91	551,810

* As of 10:00 am on September 9, 2021

Teams Deployed / Status

- As of 14:30 on 09/09/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/09/21: Nothing new to report.

From: Fisher, Bray

Sent: Wednesday, September 8, 2021 4:04 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/8/21:

Current Activities

- As of 13:00 on 09/08/21: EPA has received a total of 188 National Response Center (NRC) reports with 43 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/08/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.

ExxonMobil Baton Rouge: In the process of starting back up.

Shell Norco: Still no power at the facility. Shell Norco is evaluating equipment to be ready for start up once power is restored.

Lake Salvador oil spill: Oil impacted marsh just north of Lake Salvador (50-75 bbls.). Contractor clean-up crew is responding.

- As of 18:00 on 09/07/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/07/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.

- As of 18:00 on 09/07/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.

As of 18:00 on 09/07/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2185.

Total targets not assessed: 1222.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 488

Total Targets assessed and not found: 92

Total targets assessed action complete, LIP (left in place): 102.

Total targets assessed, removal complete: 5.

Total targets assessed, LIP (left in place): 191

- As of 18:00 on 09/07/21: Phillips 66 Alliance Refinery: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LOSCO and LADWF is leading the recovery effort and has begun capturing wildlife and processing through the rehabilitation center. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. Update: 4 LDWF employees on site capturing and documenting impacted wildlife.
- As of 18:00 on 09/07/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Skimming operations have concluded, however Clean Gulf Associates remains on scene with a pollution dome (35 feet depth) over the leak that is collecting 3-4 gallons of oil per hour. There is no active sheening observed. Due to Talos not being the RP for this incident, MER IMT is using the OSLTF to contract T&T Marine Salvage to secure the discharge on the damaged pipeline.
- As of 18:00 on 09/07/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. S2 well closure verified by FOSCR and RP who conducted on scene assessment verified no sheen and no ongoing threat. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/08/21: ASPECT assessed 12 facilities on the Louisiana Department of Environmental Quality's (LDEQ) priority list plus on oil spill near Port Fourchon on September 7, 2021.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/08/21: Nothing new to report.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 10:00 on 9/7/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	38	45,395
Boil Water Advisories	232	601,819
Cleared of Boil Water Advisories	53	520,964

* As of 10:00 am on September 8, 2021

Teams Deployed / Status

- As of 14:30 on 09/08/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/08/21: Nothing new to report.

From: Fisher, Bray

Sent: Tuesday, September 7, 2021 4:17 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <michael.k.sams@uscg.mil>

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Including planning mailbox. Thank you!

From: Fisher, Bray

Sent: Tuesday, September 7, 2021 3:52 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/7/21:

Current Activities

- As of 13:00 on 09/07/21: EPA has received a total of 178 National Response Center (NRC) reports with 41 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/07/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.
- As of 14:30 on 09/07/21: LDEQ reported that 9 of their ambient air monitoring sites have stopped polling due to power outages as of September 7, 2021. LDEQ's Mobile Air Monitoring Labs (MAMLs) are positioned in Norco and Marrero
- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. At this time an ESF #10 Mission Assignment to EPA for assistance with orphan containers and spills is not anticipated. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 18:00 on 09/06/21: Salvage operations continue to be monitored through the incident specific salvage group.
- The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is

temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.

- As of 18:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2098.

Total targets not assessed: 1311.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 437.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 46.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 114.

As of 18:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery.

LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted.

LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.

- As of 18:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Regulators support plugging, but confirmed Talos is not obligated or required. Skimming operations have concluded.
- As of 18:00 on 09/06/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/07/21: On September 7, 2021, EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida, the mission is currently scheduled through September 7, 2021. ASPECT did not fly on September 6, 2021 due to weather issues.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 08:30 on 9/7/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	51	63,005
Boil Water Advisories	242	842,067
Cleared of Boil Water Advisories	30	263,106

* As of 10:00 am on September 7, 2021

Teams Deployed / Status

- As of 14:30 on 09/07/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/07/21: The EPA Region 6 and 7 mobile drinking water laboratories demobilized from the Hurricane Ida response on September 7, 2021 per instructions from FEMA.

From: Fisher, Bray

Sent: Monday, September 6, 2021 3:36 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/6/21:

Current Activities

- As of 13:00 on 09/06/21 EPA has received a total of 171 National Response Center (NRC) reports with 39 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer
- As of 14:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/06/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2056.

Total targets not assessed: 1332.

Total targets assessed: 724.

Total targets assessed as a threat, require USCG action: 79.

Total targets assessed as a threat that require USCG monitoring: 410.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 44.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 96.

- As of 14:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.
- As of 14:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by IDA discharging residual crude oil. RP-led, response skimming recoverable oil. Divers completed underwater assessment of the TALOS Energy pipeline and found no ruptures/failures of any kind. TALOS activated their OSRO to conduct skimming operations. USCG overflight results showed rainbow sheening in the area but no recoverable product. USCG maintaining communications w/ RP.
- As of 14:00 on 09/06/2021: S2 Energy Update: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered on 05 Sep 21 via CG overflight out of ATC Mobile. S2 energy initiated response actions and were able to secure the source of the discharge at approximately 1945 on 05 Sep 21 by closing the casing valve at the discharge source. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. 1 Clean Gulf Associate 95' skimming vessel remains on scene conducting recovery operations, with little to no recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. USCG personnel arrived on scene and confirmed no sheen within or on the exterior of the boom.

Teams Deployed / Status

- As of 14:30 on 09/06/21: On September 6, 2021, ASPECT was unable to fly due to storms in the mission area, the mission is currently scheduled through September 7, 2021. On September 5, 2021, ASPECT overflowed 25 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 08:30 on 9/6/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	65	59,489
Boil Water Advisories	231	1,068,625
Cleared of Boil Water Advisories	24	39,804

* As of 8:30 am on September 6, 2021

Teams Deployed / Status

- As of 14:30 on 09/06/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/06/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) will be demobilizing tomorrow (9/6/21) morning (pending official FEMA email green-lighting demobilization).

From: Fisher, Bray

Sent: Sunday, September 5, 2021 3:47 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/5/21:

Current Activities

- As of 13:00 on 09/05/21: EPA has received a total of 160 National Response Center (NRC) reports with 34 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:00 on 09/05/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/05/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/05/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 1857

Total targets not assessed: 1478.

Total targets assessed: 379.

Total targets assessed as a threat, require USCG action: 43.

Total targets assessed as a threat that require USCG monitoring: 263.

Total Targets assessed and not found: 0.

Total targets assessed action complete: 0.

Total targets no Coast Guard Action required: 64.

- As of 14:00 on 09/05/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. OSRO was hired to conduct clean-up operations and discovered oiled wildlife. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF is preparing to stage a wildlife rehabilitation center.
- As of 14:00 on 09/05/21: Talos Energy Pipeline/Port Fourchon: Witt O'Brien was hired as OSRO who sub-contracted Clean Gulf Associates for skimming boats, divers on scene attempting to find point source for the discharge along the pipeline. Line was reported shut-in with residual product.
- As of 14:00 on 09/05/2021: ATC Mobile conducted overflight of portions of MSU Houma AOR with a gulf strike team rider, specifically to gain clarity on the situation surrounding the Talos Energy Pipeline. They discovered an 11NM rainbow sheen which they believe is originating from the Talos Pipeline. They also discovered a actively discharging wellhead in the nearby area. The wellhead is spraying oil, creating a 20 yd by 20 yd area of recoverable product. 02 potential RP's have been identified, but MSU Houma has mobilized their OSRO (T&T) to prepare to respond in the case that an RP cannot respond in a timely manner.

Teams Deployed / Status

- As of 14:30 on 09/05/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities. ASPECT overflow 19 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/5/21:

Current Activities

- As of 08:30 on 9/5/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	89	83,686
Boil Water Advisories	218	1,050,694
Cleared of Boil Water Advisories	13	33,538

* As of 8:30 am on September 5, 2021

Teams Deployed / Status

- As of 14:30 on 09/05/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/05/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

From: Fisher, Bray

Sent: Saturday, September 4, 2021 3:53 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/4/21:

Current Activities

- As of 13:00 on 09/04/21: EPA has received a total of 142 National Response Center (NRC) reports with 33 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/04/21: EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. On September 3, 2021, ASPECT overflow 10 facilities on the LDEQ priority list.
- As of 15:00 on 09/04/21: USCG continues to conduct port assessments of impacted areas, however debris and damage on the roadways are presenting a challenge.
- As of 15:00 on 09/04/21: USCG reports waterways continue to be assessed and opened, updates sent out daily.

Teams Deployed / Status

- As of 14:30 on 09/04/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities

ESF-3 Report (EPA) for 9/4/21:

Current Activities

- As of 08:30 on 9/4/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	107	133,779
Boil Water Advisories	205	1,020,707
Cleared of Boil Water Advisories	6	13,432

* As of 8:30 am on September 4, 2021

Teams Deployed / Status

- As of 14:30 on 09/04/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/04/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/4/2021 8:42:33 PM
To: Bessetti, Jill A CIV (USA) [Jill.A.Bessetti2@uscg.mil]; Jones, Becky K CAPT USCG D8 (USA) [Becky.K.Jones@uscg.mil]; michael.k.sams@uscg.mil
Subject: Air Releases

Below are the current (as of 1500 on 9/4/21) ongoing haz air releases. I'm curious as to why these 2 releases have been on-going so long, so I'm going to speak to the Phone Duty Officer and see when the last time he spoke with the facility was. I'll let you know what he says. Please note that these are only reports that EPA has received from the NRC and is not a comprehensive list of all potential air release health hazards.

- Exxon Mobil Baton Rouge, hydrogen sulfide, nitrogen dioxide, nitrogen oxide, and sulfur dioxide.
- Shell Norco, Butadiene, benzene, hydrogen sulfide, and liquified hydrogen.

As for ASPECT data: I will be added to the distribution list of who get contacted when ASPECT gets a "hit". That being said, ASPECT is a screening tool and they use AMC levels which are very low. After speaking with the other EPA OSCs involved in this response, they had some suggestions for better/more comprehensive options for USCG that are frequently updated:

- Louisiana's MAML data found at: <https://airquality.deq.louisiana.gov/Data/Site/MAML1/Date/2021-09-02>
- Louisiana's ERMA data: Heather Toney with the State sent out an email a couple days ago with information about ERMA (see below).

Thanks!

From Heather Toney with LA:

ESF10 Team, Please follow these steps in order to access the USCG common operating picture, ERMA. You are able to view all of the USCG Marine Environmental Response targets and many other informative layers.

To view some layers, including the targets, you MUST be logged into an ERMA account. Follow the steps below to set up your account.

LAYERS OF INTEREST: This link will take you to an ERMA page that has many of the Hurricane Ida related layers visible. Again, you must be logged in to view some of these layers.

<https://erma.noaa.gov/gulfofmexico/erma.html#/layers=3+47856+47869+47885+47914+47920+47941+47940+47960+47927+47959+47951+47950+47895+47903+47919+47899+47904+47897+47877+47902+47900+47918+4879+47958+47957+47956+47955+47954+47953+47952+47843&x=-90.32923&y=29.47825&z=9.4&panel=layer>

HOW TO SET UP AN ERMA ACCOUNT:

- 1) follow this link: <https://erma.noaa.gov/gulfofmexico>
- 2) click 'Login' top right corner
- 3) click 'request account' bottom left of window
- 4) complete form. List Brandi Todd as NOAA sponsor.
- 5) You will receive an email shortly after with further instructions to activate your account.

Reach out to me if you have any difficulties or if you would like a quickie tutorial on ERMA after your account is established.

I apologize in advance for the ERMA password requirements, they are brutal!

Bray Kelsey Fisher
Federal On Scene Coordinator
U.S. Environmental Protection Agency – Region 6
1201 Elm St.
Dallas, TX 75270
Office: (214) 665-2712
Mobile: (469) 510-8825

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/21/2021 8:01:20 PM
To: Icaza, Arturo [arturo.icaza@fema.dhs.gov]
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Sorry about that, see below:

- As of 13:00 on 9/21/21: EPA has received a total of 221 National Response Center (NRC) reports with 65 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.

From: Icaza, Arturo <arturo.icaza@fema.dhs.gov>
Sent: Tuesday, September 21, 2021 2:52 PM
To: Fisher, Bray <fisher.kelsey@epa.gov>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Bray,

I don't see the paragraph that says:

- As of 13:00 on 09/19/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.

From: Fisher, Bray <fisher.kelsey@epa.gov>
Sent: Tuesday, September 21, 2021 2:46 PM
To: Rosario, Joel <joel.rosario@fema.dhs.gov>; FEMA-R6IMATPlanning-LA <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>
Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <Michael.K.Sams@uscg.mil>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/21/21:

Current Activities

- As of 14:30 on 09/21/21: On September 20, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/20/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.94	3.10
Denka UW	2.46	4.60
Irish Channel	3.01	5.70
Marathon DW	3.54	6.10
Marathon UW	2.65	4.90
Norco DW	3.63	6.90
Norco UW	2.65	5.40
Port Fourchon	4.61	9.30

- As of 18:00 on 09/20/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/20/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,491
 - Total targets not assessed: 66
 - Total targets assessed as a threat, require USCG action: 24
 - Total targets assessed as a threat that require USCG monitoring: 354
 - Total Targets assessed and not found: 406
 - Total targets assessed action complete, LIP (left in place): 24
 - Total targets assessed, removal complete: 118
 - Total targets assessed, LIP (left in place): 1499
 - Recreational: 354
 - Commercial: 218
 - Commercial Fishing: 400

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports: Breton Sound Block 31: (NRC #1316866, Unique ID OFFSHORE_022) 11SEP21, HC-144 confirmed light sheening in the area. State advised that well inspectors located a leak on a 3-inch valve on an orphan/abandoned well previously owned/operated by Aviva America. State of LA is in the process of sourcing a contractor to conduct repairs to secure the discharge. On site well inspectors estimate discharge rate is approximately 1 gallon of oily water mixture per day, creating an estimated 1nm long and 35ft wide unrecoverable silver sheen in Breton Sound. USCG intends to federalize the case and take actions to secure the source of the discharge and mitigate the threat to the environment. Initial on site assessment completed 20SEP21. It was determined that a spud barge will likely be required to safely access the work site, to address the active discharge. Currently awaiting a quote from the contractor. Case pends.
- Phillips 66 Alliance Refinery: A brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts.
- Live Oiled Wildlife Collected for rehabilitation: 34 (+8)
- Dead Oiled wildlife collected: 05 (0)

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:

TPIC Cloverly: TPIC Cloverly Farms: (NRC #1315265, Unique ID 169605_C01) Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP working to remove

Teams Deployed / Status

- As of 14:30 on 09/21/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/21/21: Nothing new to report.

ESF-3 Report (EPA) for 9/21/21:

Current Activities

- As of 15:00 on 9/20/21:

Status	Systems Affected	Population Served
Water Outages	12	13,977
Boil Water Advisories	30	96,940
PWS Cleared of Boil Water Advisories	284	1,057,261

Teams Deployed / Status

- As of 14:30 on 09/21/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/21/21: Nothing new to report.

From: Fisher, Bray

Sent: Monday, September 20, 2021 4:20 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Sorry this is late, I was trying to get clarification on the Water data table. Looks like LDH didn't pull the data Sunday, so the table is the same that I sent yesterday. Thanks!

ESF-10 Report (EPA and USCG) for 9/20/21:

Current Activities

- As of 14:30 on 09/19/21: On September 19, 2021, EPA continued Stationary Air Monitoring (for PM2.5) with co-located Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3. EPA is coordinating with LDEQ on the release of the summa canister sampling data

PM2.5 readings for 9/19/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.46	2.70
Denka UW	1.87	4.40
Irish Channel	3.06	5.90
Marathon DW	2.25	3.90
Marathon UW	2.10	4.60
Norco DW	2.08	10.30
Norco UW	1.73	4.70
Port Fourchon	3.58	5.70

- As of 13:00 on 09/19/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/19/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/19/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,482.
 - Total targets not assessed: 71
 - Total targets assessed as a threat, require USCG action: 24
 - Total targets assessed as a threat that require USCG monitoring: 364
 - Total Targets assessed and not found: 401
 - Total targets assessed action complete, LIP (left in place): 39
 - Total targets assessed, removal complete: 113
 - Total targets assessed, LIP (left in place): 1470
 - Recreational: 352
 - Commercial: 219
 - Commercial Fishing: 394

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:
 - Breton Sound Block 31: State was contacted advised that well inspectors located a leak on a 3-inch valve on an orphan/abandoned well previously owned/operated by Aviva America. State of LA is in the process of sourcing a contractor to conduct repairs to secure the discharge. On site well inspectors estimate discharge rate is approximately 1 gallon of oily water mixture per day, creating an estimated 1nm long and 35ft wide unrecoverable silver sheen in Breton Sound. USCG intends to federalize the case and take actions to secure the source of the discharge and mitigate the threat to the environment. Coast Guard IDA MER personnel will conduct site visit/assessment with contractor and develop response action plan/quote when able to safely access the area.
 - Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 05 (+2)

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
 - CG Active Responses Under FPN:
 - Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a

federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. OPS check-ins are scheduled for every 4 hours. Two USCG members are onboard crane barge and monitoring operations. Pipe was capped and no sheening observed. Collection dome was repositioned until cap is secured to specification. Jetting operations to ensure pipe lays down correctly were temporarily suspended due to weather. Case Pends.

- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP working to remove product from the facility with a 1000 BBL potential. Operations temporarily suspended due to weather, RP anticipates pumping of product and oily water when weather clears. Case Pends.
- South Timbalier Block 21 - Received pictures from RP (Cox) and confirmed reports of an active discharge from a subsea pipeline. Cox contracted a dive team and located a severed 6-inch pipeline and applied a cap to secure the discharge. Received email update from RP stating dive ops are continuing as weather permits to identify source of second sheen at incident location. RP stated no dive ops were conducted due to weather. Divers were released and assigned to a new project. IMT spoke with RP who stated that the company is in the process of assembling a new dive crew and lift boat to be back on site, weather permitting. Overflight of the area was conducted and no sheen was observed. Case Pends.

Teams Deployed / Status

- As of 14:30 on 09/20/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/20/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/20/21:

Current Activities

- As of 15:00 on 9/18/21:

Status *	Systems	Population Served
Water Outages	13	14,067
Boil Water Advisories	30	126,722
Cleared of Boil Water Advisories	283	1,027,389

* As of 3:00 pm on September 18, 2021

Teams Deployed / Status

- As of 14:30 on 09/20/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/20/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Sunday, September 19, 2021 3:34 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

NOTE: USCG has transitioned to submitting their 209's (which is where Jill was pulling the daily reporting points from) every 3 days since USCG has only 100 targets left to be assessed.

ESF-10 Report (EPA and USCG) for 9/19/21:

Current Activities

- As of 14:30 on 09/19/21: On September 18, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/18/2021 (0600 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.68	2.80
Denka UW	2.35	4.80
Irish Channel	3.19	9.40
Marathon DW	2.99	4.80
Marathon UW	2.85	5.20
Norco DW	2.65	5.30
Norco UW	2.26	5.10
Port Fourchon*	-	-

*The Port Fourchon Unit did not collect data during this reporting period. The unit will be replaced on September 19, 2021

- As of 13:00 on 09/19/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.

Teams Deployed / Status

- As of 14:30 on 09/19/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/19/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/19/21:

Current Activities

- As of 15:00 on 9/18/21:

Drinking Water (State):		
Status	Systems Affected	Population Served
Water Outages	13	14,067
Boil Water Advisories	30	126,722
PWS Cleared of Boil Water Advisories	283	1,027,389

Teams Deployed / Status

- As of 14:30 on 09/19/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/19/21: Nothing new to report.

From: Fisher, Bray

Sent: Saturday, September 18, 2021 1:29 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/18/21:

Current Activities

- As of 14:30 on 09/18/21: On September 17, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/17/2021 (0000 - 2400)		
Location	24 hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	2.84	4.40
Denka UW	3.22	5.10
Irish Channel	4.58	7.10
Marathon DW	5.41	10.60
Marathon UW	5.83	5.60
Norco DW	5.19	10.50
Norco UW	3.34	5.40
Port Fourchon	5.48	5.00

- As of 13:00 on 09/18/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/17/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/17/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,472.
 - Total targets not assessed: 95
 - Total targets assessed as a threat, require USCG action: 27
 - Total targets assessed as a threat that require USCG monitoring: 501
 - Total Targets assessed and not found: 367
 - Total targets assessed action complete, LIP (left in place): 30
 - Total targets assessed, removal complete: 92
 - Total targets assessed, LIP (left in place): 1360
 - Recreational: 353
 - Commercial: 218
 - Commercial Fishing: 391

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:
 - Breton Sound Block 31: State was contacted advised that well inspectors located a leak on a 3-inch valve on an orphan/abandoned well previously owned/operated by Aviva America. State of LA is in the process of sourcing a contractor to conduct repairs to secure the discharge. On site well inspectors estimate discharge rate is approximately 1 gallon of oily water mixture per day, creating an estimated 1nm long and 35ft wide unrecoverable silver sheen in Breton Sound. USCG intends to federalize the case and take actions to secure the source of the discharge and mitigate the threat to the environment. Coast Guard IDA MER personnel will conduct site visit/assessment with contractor and develop response action plan/quote when able to safely access the area.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 05 (+2)

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
 - CG Active Responses Under FPN:
 - Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. OPS check-ins are scheduled for every 4 hours. Two USCG members are onboard crane barge and monitoring operations. Pipe was capped and no sheening observed. Collection dome was repositioned until cap is secured to specification. Jetting operations to ensure pipe lays down correctly were temporarily suspended due to weather. Case Pends.
 - TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP working to remove product from the facility with a 1000 BBL potential. Operations temporarily suspended due to weather, RP anticipates pumping of product and oily water when weather clears. Case Pends.
 - South Timbalier Block 21 - Received pictures from RP (Cox) and confirmed reports of an active discharge from a subsea pipeline. Cox contracted a dive team and located a severed 6-inch pipeline and applied a cap to secure the discharge. Received email update from RP stating dive ops are continuing as weather permits to identify source of second sheen at incident location. RP stated no dive ops were conducted due to weather. Divers were released and assigned to a new project. IMT spoke with RP who stated that the company is in the process of assembling a new dive crew and lift boat to be back on site, weather permitting. Overflight of the area was conducted and no sheen was observed. Case Pends.

Teams Deployed / Status

- As of 14:30 on 09/18/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/18/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/18/21:

Current Activities

- As of 15:00 on 9/17/21:

Status	Systems Affected	Population Served
Water Outages	13	14,067
Boil Water Advisories	44	131,816
PWS Cleared of Boil Water Advisories	269	1,022,295

Teams Deployed / Status

- As of 14:30 on 09/18/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/18/21: Nothing new to report.

From: Fisher, Bray

Sent: Friday, September 17, 2021 3:08 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/17/21:

Current Activities

- As of 14:30 on 09/17/21: On September 16, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/16/2021 (0600 - 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW*	-	-
Denka UW	3.22	5.60
Irish Channel	5.85	10.60
Marathon DW	5.66	20.50
Marathon UW	4.05	19.30
Norco DW	4.76	8.30
Norco UW	3.78	19.00
Port Fourchon	3.71	7.30

*The Denka Downwind Unit was recovered for servicing during this reporting period.

- As of 13:00 on 09/17/21: EPA has received a total of 211 National Response Center (NRC) reports with 57 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/16/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/16/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch.

The IDA MER ICP is temporarily located at Sector Houston Galveston. The ICP will transition on September 26th to Baton Rouge to co-locate with State partners.

- As of 18:00 on 09/16/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/16/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,472.

Total targets not assessed: 98

Total targets assessed as a threat, require USCG action: 23

Total targets assessed as a threat that require USCG monitoring: 575

Total Targets assessed and not found: 351

Total targets assessed action complete, LIP (left in place): 30

Total targets assessed, removal complete: 92

Total targets assessed, LIP (left in place): 1298

Recreational: 351

Commercial: 223

Commercial Fishing: 392

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:

South Timbalier Block 21 – confirmed reports of active discharge from a subsea pipeline. Cox (RP) contracted a dive team and applied a cap to secure the discharge. There has been a second sheen observed and the RP is in the process of assembling a new dive crew to conduct operations as early as tomorrow.

Breton Sound Block 31: CG IDA MER personnel will conduct site visit/assessment with contractor on 17SEP21 and develop a response/action plan. Discharge rate is approximately 1 gallon of oily water mixture per day and is creating an estimated 1nm long and 35ft wide unrecoverable sheen in Breton Sound.

Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 05 (+2)

IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:

16SEP21: Divisions A-D concentrating target assessment efforts in Golden Meadow area in preparation for USACOE-led salvage operations.

CG Active Responses Under FPN:

Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. Pollution dome in place, dive ops resumed. Pipe has been capped and no sheening observed. Jetting operations continue. Case Pends.

TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water pending weather.

Teams Deployed / Status

- As of 14:30 on 09/17/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/17/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/17/21:

Current Activities

- As of 15:00 on 9/16/21:

Status	Systems Affected	Population Served
Water Outages	15	14,299
Boil Water Advisories	53	233,116
PWS Cleared of Boil Water Advisories	258	920,763

Teams Deployed / Status

- As of 14:30 on 09/17/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/17/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Thursday, September 16, 2021 2:44 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-ia@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/16/21:

Current Activities

- As of 14:30 on 09/16/21: On September 14, 2021, EPA continued Stationary Air Monitoring (for PM2.5) with co-located Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3. Preliminary results from the first set of Summa canisters is expected COB on September 16, 2021

PM2.5 readings for 9/14/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.55	3.2
Denka U/W	3.26	8.10
Irish Channel	6.92	12.30
Marathon DW	3.90	20.40
Marathon U/W	4.38	20.50
Norco DW	4.86	12.00
Norco U/W	3.50	6.70
Port Fourchon	6.21	16.10

- As of 13:00 on 09/16/21: EPA has received a total of 209 National Response Center (NRC) reports with 56 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/15/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/15/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/15/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/15/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,464.
- Total targets not assessed: 225
- Total targets assessed as a threat, require USCG action: 21
- Total targets assessed as a threat that require USCG monitoring: 642
- Total Targets assessed and not found: 321
- Total targets assessed action complete, LIP (left in place): 9
- Total targets assessed, removal complete: 88
- Total targets assessed, LIP (left in place): 1158
- Recreational: 344
- Commercial: 223
- Commercial Fishing: 392
- BRANCH NOLA:
- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:
- Field ops suspended early due to inclement weather (NSTR).
- Breton Sound Block 31: USCG intends to federalize the case and take actions to secure the source of the discharge: Discharge rate is approximately 1 gallon of oily water mixture per day and is creating an estimated 1nm long and 35ft wide unrecoverable sheen in Breton Sound.
- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 03 (+0)
- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.
- BRANCH HOUMA:
- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
- 15SEP21: Ops suspended due to weather.

- CG Active Responses Under FPN:
- Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. Pollution dome has shifted and light sheening was observed. Dive ops paused due to sea state conditions. Anticipate dive ops to resume 16SEP21. Case Pends.
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water pending weather.

Teams Deployed / Status

- As of 14:30 on 09/16/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/16/21: Nothing new to report.

ESF-3 Report (EPA) for 9/16/21:

Current Activities

- As of 15:00 on 9/15/21:

Status *	Systems	Population Served
Water Outages	15	14,299
Boil Water Advisories	53	233,116
Cleared of Boil Water Advisories	258	920,763

* As of 3:00 pm on September 15, 2021

Teams Deployed / Status

- As of 14:30 on 09/16/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/15/21: Nothing new to report.

From: Fisher, Bray

Sent: Wednesday, September 15, 2021 3:15 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/15/21:

Current Activities

- As of 14:30 on 09/15/21A continued Stationary Air Monitoring (for PM2.5) with co-located Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5

readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3. Preliminary results from the first set of Summa canisters is expected COB on September 16, 2021.

PM2.5 readings for 9/14/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW*	-	-
Denka UW	2.62	4.10
Irish Channel	4.71	8.00
Marathon DW	4.32	19.20
Marathon UW	3.31	5.10
Norco DW	3.78	6.00
Norco UW	2.99	5.80
Port Fourchon	3.38	9.50

*SGS monitoring device was experiencing connectivity issues, the data will be downloaded at a later time.

- As of 13:00 on 09/15/21: EPA has received a total of 208 National Response Center (NRC) reports with 55 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/14/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/14/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/14/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/14/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2477.

Total targets not assessed: 249

Total targets assessed as a threat, require USCG action: 65

Total targets assessed as a threat that require USCG monitoring: 650

Total Targets assessed and not found: 319

Total targets assessed action complete, LIP (left in place): 46

Total targets assessed, removal complete: 46

Total targets assessed, LIP (left in place): 1053

Recreational-331

Commercial-224

Commercial Fishing-382

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:

14SEP21: Field ops suspended early due to inclement weather (NSTR).

- Significant field reports: :

DIV A: Team conducted 3 UAS overflights for unassessed targets in Central DIVISION A. One team was accompanied by Global Diving/Salvage to conduct assessments for cleanup/salvage in and around the Port a la Hache area.

DIV B: Airboat was utilized to assess outlying targets in remote areas.

DIV E: Team utilized two trucks and two airboats from contractor for assessments in remote areas of Lafitte. Road conditions were difficult to navigate due to muddy conditions.

DIV F&G: 4 UAS overflights were conducted.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These

numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 23 (0) Dead Oiled wildlife collected: 03 (+0)

- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:

14SEP21: Ops suspended due to weather.

- CG Active Responses Under FPN:
- Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. Pollution dome remains in place, currently collecting some product, but mostly water. Dive ops paused today due to sea state conditions. Anticipate dive ops to resume 15SEP21. Case Pends.
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends.

Teams Deployed / Status

- As of 14:30 on 09/15/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/15/21: Nothing new to report.

ESF-3 Report (EPA) for 9/15/21:

Current Activities

- As of 15:00 on 9/14/21:

Status *	Systems	Population Served
Water Outages	16	14,389
Boil Water Advisories	66	247,936
Cleared of Boil Water Advisories	244	905,853

* As of 3:00 pm on September 14, 2021

Teams Deployed / Status

- As of 14:30 on 09/15/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities. The 1 EPA Drinking Water SME will be demobilized on end of shift today; 9/15/21.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/15/21: Nothing new to report.

From: Fisher, Bray

Sent: Tuesday, September 14, 2021 3:14 PM

To: Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/14/21:

Current Activities

- As of 14:30 on 09/14/21: On September 13, 2021, EPA continued Stationary Air Monitoring (for PM2.5) with co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3

PM2.5 readings for 9/13/2021 (0000 ~ 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW*	-	-
Denka U/W	4.84	9.5
Irish Channel	5.66	7.7
Marathon DW	10.697	22.8
Marathon U/W	9.6	20.6
Norco DW	3.49	9.993
Norco U/W	5.029	25
Port Fourchon	5.323	9.714

*SGS monitoring device was experiencing connectivity issues, the data will be manually downloaded at a later time.

- As of 13:00 on 09/14/21: EPA has received a total of 206 National Response Center (NRC) reports with 53 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/13/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/13/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/13/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/13/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2477.

Total targets not assessed: 273

Total targets assessed as a threat, require USCG action: 79

Total targets assessed as a threat that require USCG monitoring: 644

Total Targets assessed and not found: 319

Total targets assessed action complete, LIP (left in place): 257

Total targets assessed, removal complete: 80

Total targets assessed, LIP (left in place): 832

Recreational-330

Commercial-382

Commercial Fishing-382

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.

- Significant field reports:

13SEP21: Field ops suspended early due to inclement weather (NSTR).

- Significant field reports: :

DIV A: Team conducted 3 UAS overflights for unassessed targets in Central DIVISION A. One team was accompanied by Global Diving/Salvage to conduct assessments for cleanup/salvage in and around the Port a la Hache area.

DIV B: Airboat was utilized to assess outlying targets in remote areas.

DIV E: Team utilized two trucks and two airboats from contractor for assessments in remote areas of Lafitte. Road conditions were difficult to navigate due to muddy conditions.

DIV F&G: 4 UAS overflights were conducted.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 23 (0) Dead Oiled wildlife collected: 03 (+0)
- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
 - 13SEP21: Teams are conducting assessments and UAS operations as weather permits.
- CG Active Responses Under FPN: Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T has subcontracted on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: Update: T&T completed operational, safety, and dive plans. Houma Branch Response Team reported onboard at 1600 on 10 Sep 21 to oversee operations. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. 13SEP21 Update: Jetting operations continue, as needed. Pollution dome remains in place, no sheening observed at this time. Dive ops paused due to sea state conditions, anticipate improved weather tomorrow afternoon for capping operations. Two USCG members are onboard crane barge and monitoring operations.
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends.

Teams Deployed / Status

- As of 14:30 on 09/14/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/14/21: Nothing new to report.

ESF-3 Report (EPA) for 9/14/21:

Current Activities

- As of 15:00 on 9/13/21:

Status *	Systems	Population Served
Water Outages	17	19,707
Boil Water Advisories	87	317,507
Cleared of Boil Water Advisories	222	830,964

* As of 3:00 pm on September 13, 2021

Teams Deployed / Status

- As of 14:30 on 09/14/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities. The 1 EPA Drinking Water SME will be demobilized on end of shift 9/15/21.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/14/21: Nothing new to report.

From: Fisher, Bray

Sent: Monday, September 13, 2021 3:27 PM

To: Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/13/21:

Current Activities

- As of 10:25 on 09/13/21: In the period from 12:00 pm on September 10, 2021 to 10:00 am on September 13, 2021, EPA has collected a total of 95 Roving Air Monitoring readings in the vicinity of Marathon, Denka, and Shell-Norco facilities. All VOC and PM2.5 readings have been below the screening levels. As the Stationary Air Monitors are up and running the Roving Air Monitoring will be discontinued moving forward.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	18	20	24	62
Upwind	9	13	11	33
Total	27	33	35	95

- As of 10:25 on 09/13/21 : EPA has set up Stationary Air Monitors for PM2.5 co-located with Summa Air Samplers for VOCs. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below screening levels.
- As of 10:25 on 09/13/21 : In the period from 12:00 pm on September 10, 2021 to 10:00 am on September 13, 2021, EPA has collected a total of 16 Air Monitoring readings in the Irish Channel and Port Fourchon areas. No VOC or PM2.5 readings above the detection limits have been measured. These hand-held readings will be discontinued since stationary Air Monitors for PM2.5 colocated with Summa Air Samplers for VOCs have been deployed.
- As of 10:00 on 09/13/21: EPA has received a total of 204 National Response Center (NRC) reports with 52 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 10:25 on 09/13/21: On September 11, 2021, ASPECT flew a mission of grids as requested by the Louisiana Oil Spill Coordinator's Office. The grids contained locations of previously reported oil spills. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.
- As of 18:00 on 09/11/21: Salvage operations continue to be monitored through the incident specific salvage group.

- As of 18:00 on 09/11/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/11/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/11/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2426.

Total targets not assessed: 325

Total targets assessed as a threat, require USCG action: 93

Total targets assessed as a threat that require USCG monitoring: 624

Total Targets assessed and not found: 308

Total targets assessed action complete, LIP (left in place): 374

Total targets assessed, removal complete: 68

Total targets assessed, LIP (left in place): 634

Recreational-332

Commercial-215

Commercial Fishing-379

- BRANCH NOLA:

USCG continues to conduct port assessments of impacted areas.

- Significant field reports:

12SEP21: Field ops suspended early due to inclement weather (NSTR).

DIV 1: Assessment team was accompanied by Global Diving/Salvage to conduct assessments for cleanup/salvage in and around the Venice Area.

DIV 2: Assessment Team discovered mystery sheen and recoverable product in the vicinity of a crane barge that was thought to be discharging fuel into the Mississippi River. Upon further investigation, it was determined that the crane barge was not the source of the discharge. No source could be identified, so QFM was subcontracted under the current ATP with Global Diving and Salvage to performed cleanup operations. DIV2 Team conducted contractor oversight and an estimated 15 gallons of petroleum product was recovered. Case Closed.

DIV 4: Discovered a sunken fishing vessel actively discharging. Team advised future actions needed. If no RP can be located, action will need to be taken to remove the pollution threat.

DIV 5: Assessment Team identified threat of patches of weathered black oil with in the marsh and no confirmed source. A potential source in the area included an oil pipeline, however, there was no evidence of a discharge from the pipeline. No RP or active discharge were identified. The area is remote and requires airboats for access. A follow up assessment was scheduled for 09/12/2021, however, due to weather, assessment could not be performed. Once weather permits, Assessment Team will reassess the target to determine necessary response actions. In addition, during the assessment operations, multiple drums and hazardous containers were identified and added to the target list. Case Pends.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 23 (0) Dead Oiled wildlife collected: 03 (+0)
- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.
- BRANCH HOUMA:

USCG is continuing to conduct port assessments of impacted areas.

- Significant field reports:

12SEP21: Field ops suspended due to inclement weather (NSTR).

UAS Team conducted one flight and assessed 01 target prior to standing down due to weather.

CG Active Responses Under FPN: Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4

gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T has subcontracted on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: T&T completed operational, safety, and dive plans. Houma Branch Response Team reported onboard at 1600 on 10 Sep 21 to oversee operations. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. 11SEP21 Dive suits arrived on-scene. Dive ops were temporarily suspended due to crane maintenance but resumed at 1700. 12SEP21 Commenced dive ops at 1100. Divers began to cut the line, install the cap and jet the area.

TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends.

Teams Deployed / Status

- As of 10:25 on 09/13/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 10:25 on 09/13/21: Nothing new to report.

ESF-3 Report (EPA) for 9/12/21:

Current Activities

- As of 15:00 on 9/12/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	19	19,724
Boil Water Advisories	86	318,654
Cleared of Boil Water Advisories	221	829,755

* As of 3:00 pm on September 12, 2021

Teams Deployed / Status

- As of 10:25 on 09/13/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities. FEMA confirmed that the 1 EPA Drinking Water SME will be demobilized on 9/14/21.

Concerns / Limitations / Lifeline Impacts:

- As of 10:25 on 09/13/21: Nothing new to report.

From: Fisher, Bray

Sent: Sunday, September 12, 2021 3:31 PM

To: 'Esa, Gibran' <gibran.esa@fema.dhs.gov>; 'Rosario, Joel' <joel.rosario@fema.dhs.gov>; 'inbox' <fema-r6imatplanning-la@fema.dhs.gov>

Cc: 'Bessetti, Jill A CIV (USA)' <Jill.A.Bessetti2@uscg.mil>; 'Jones, Becky K CAPT USCG D8 (USA)' <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/12/21:

Current Activities

- As of 14:30 on 09/12/21 EPA has set up Stationary Air Monitors co-located with Summa Air Samplers and will discontinue the Roving Air Monitoring moving forward. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	7	9	12	28
Upwind	4	5	6	15
Total	11	14	18	43

- As of 14:30 on 09/12/21: In the 24-hour period prior to 12:00 pm on September 12, 2021, EPA has collected a total of 43 Roving Air Monitoring reading in the vicinity of Marathon, Denka, and Shell-Norco facilities. All VOC readings have been below the screening levels, PM2.5 readings have all been below screening levels.
- As of 14:30 on 09/12/21: In the 24-hour period prior to 12:00 pm on September 12, 2021, EPA has collected a total of 4 Air Monitoring readings in the Irish Channel and Port Fourchon area. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.
- As of 13:00 on 09/12/21: EPA has received a total of 203 National Response Center (NRC) reports with 51 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/11/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/11/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/11/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.

As of 18:00 on 09/11/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2425.

Total targets not assessed: 328

Total targets assessed as a threat, require USCG action: 110

Total targets assessed as a threat that require USCG monitoring: 626

Total Targets assessed and not found: 308

Total targets assessed action complete, LIP (left in place): 364

Total targets assessed, removal complete: 62

Total targets assessed, LIP (left in place): 627

Recreational-330

Commercial-215

Commercial Fishing-380

Data Management:

- NESDIS Imagery Status Update: Data Collection Team is awaiting pictures from overflight but has received verbal confirmation that there was no recoverable product. 02 of the 04 sites have been cleared and confirmed no sheen or active discharge.
- Grand Isle/ South Timbalier Block 41 – On 11 Sep 21, HC-144 flew the area and confirmed light sheening in the area. The data collection team is working to identify an RP to take appropriate response actions.
- West Delta Block 29/30 – On 11 Sep 21, HC-144 flew the area and confirmed no active discharge or sheen in the area.
- Mississippi Canyon 20 – On 11 Sep 21, HC-144 flew the area and confirmed no active discharge or sheen in the area.
- Breton Sound block 31 – On 11 Sep 21, HC-144 flew the area and confirmed light sheening in the area. The data collection team is working to identify an RP to take appropriate response actions.
- Reviewed imagery on over 300+ targets to date.

- Received 02 NRC's today; conducted preliminary calls on 02, and closed out 02 NRC's. Created 01 target. Added 02 targets in ERMA.
- HC-144 overflight conducted with 02 field observers to investigate high priority targets.
- Phillips 66 Alliance Refinery: Phillips 66 Alliance Refinery: 5 LDWF employees on site capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts.
- Live Oiled Wildlife Collected for rehabilitation: 23 (+2)
- Dead Oiled wildlife collected: 03 (+0)
- CG Active Responses Under FPN: Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T has subcontracted on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: T&T completed operational, safety, and dive plans. Houma Branch Response Team reported onboard at 1600 on 10 Sep 21 to oversee operations. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours.
- Dive ops were suspended on 10 Sep 21 due to lack of required non-porous suits to conduct equipment set up dives. Dive suits arrived on-scene on 11 Sep 21. Dive ops suspended due to crane malfunction. Once repaired divers will begin to cut the line, install the cap, and then jet the area. This sequence of events prioritizes the securing of the source and reduces disposal cost. Case pends
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends

Teams Deployed / Status

- As of 14:30 on 09/12/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/12/21: Nothing new to report.

ESF-3 Report (EPA) for 9/12/21:

Current Activities

- As of 10:00 on 9/12/21:

Status	Systems Affected	Population Served
Water Outages	18	19,661
Boil Water Advisories	91	326,226
PWS Cleared of Boil Water Advisories	217	822,246

Teams Deployed / Status

- As of 14:30 on 09/12/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/12/21: Nothing new to report.

From: Fisher, Bray

Sent: Saturday, September 11, 2021 3:10 PM

To: Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/11/21:

Current Activities

- As of 14:30 on 09/11/21: In the 24-hour period prior to 12:00 pm on September 11, 2021, EPA has collected a total of 48 Roving Air Monitoring reading in the vicinity of Marathon, Denka, and Shell-Norco facilities. All VOC readings have been below the screening levels, PM2.5 readings have all been below screening levels.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	11	9	12	32
Upwind	3	8	5	16
Total	14	17	17	48

- As of 14:30 on 09/11/21: In the 24-hour period prior to 12:00 pm on September 11, 2021, EPA has collected a total of 6 Air Monitoring readings in the Irish Channel and Port Fourchon area. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.
- As of 14:30 on 09/11/21: On September 10, 2021, EPA set up 8 Summa Air Samplers. 6 Summa Air Samplers were set up in the vicinity of the Marathon, Denka, and Shell-Norco facilities (1 downwind and 1 upwind of each facility). 2 additional Summa Air Samplers were set up, 1 each at Irish Channel and Port Fourchon.
- As of 13:00 on 09/11/21: EPA has received a total of 203 National Response Center (NRC) reports with 50 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer
- As of 18:00 on 09/10/21: Salvage operations continue to be monitored through the incident specific salvage group.

- As of 18:00 on 09/10/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/10/21: As of 18:00 on 09/10/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/10/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2333.

Total targets not assessed: 410

Total targets assessed as a threat, require USCG action: 82

Total targets assessed as a threat that require USCG monitoring: 606

Total Targets assessed and not found: 297

Total targets assessed action complete, LIP (left in place): 303

Total targets assessed, removal complete: 61

Total targets assessed, LIP (left in place): 574

Recreational-324

Commercial-208

Commercial Fishing-378

- Data Management:

Reviewed imagery on over 280+ targets to date.

Received 11 NRC's today; conducted preliminary calls on 08, and closed out 11 NRC's.

Updated status of 07 targets and added 01 target in ERMA.

22 priority Offshore targets identified for MER overflight with 02 riders to conduct aerial assessment for high visibility targets.

Current Operations: 10SEP21 1800

- BRANCH NOLA:

USCG continued to conduct port assessments of impacted areas. 06 2-vehicle assessment teams evaluated targets in 07 zones within Branch NOLA AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 02 UAS teams are in the area and conducted UAS operations to assess targets. NOAA ARC Collector/VADR activated and is being utilized by USCG assessment teams for MER target tracking, validation and/or further assessment. EMICP was approved for IDA MER Branch NOLA located at Sector NOLA.

Significant field reports:

NOLA Division B: Team assessed and monitored high-priority report of a crane barge discharging diesel into the Mississippi River located ivo Port of New Orleans East Bank. The team conducted and completed contractor oversight of removal operations. Case closed

Phillips 66 Alliance Refinery: 3 LDWF employees on site captured and documented the impacted wildlife. A brief overview of observations and wildlife collected is provided below. These numbers are estimates and not official/actual documented counts.

Live Oiled Wildlife Collected for rehabilitation: 21 (+4)

Dead Oiled wildlife collected: 03 (+0)

- BRANCH HOUMA:

USCG continued to conduct port assessments of impacted areas. 04 teams (2-vehicles per team for safety) evaluated divisions within Branch Houma AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 01 UAS team arrived in the area along with 02 GST skiffs. 1 additional MSST boat was available as needed.

Significant field reports:

Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: Hurricane IDA MER IMT

has reviewed and verified the required training and qualifications for all contracted response personnel on scene. Contractors began jettting the area around the damaged flow line. 01 FOSCR and 01 PR are onscene for contractor oversight.

TPIC Cloverlly: Crude oil storage tank discharged approximately 50-60bbbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: USCG MTSRU reported that there is no ETA for waterway opening. Navy SUPSALV and Army Corps of Engineers are on scene for ongoing salvage operations. There are approximately 150 targets for salvage along this waterway.

Teams Deployed / Status

- As of 14:30 on 09/11/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/11/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/11/21:

Current Activities

- As of 10:00 on 9/11/21:

Status	Systems Affected	Population Served
Water Outages	19	32,017
Boil Water Advisories	132	377,671
PWS Cleared of Boil Water Advisories	173	758,445

Teams Deployed / Status

- As of 14:30 on 09/11/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/11/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Friday, September 10, 2021 3:40 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/10/21:

Current Activities

- As of 14:30 on 09/10/21: In the 24-hour period prior to 12:00 pm on September 10, 2021, EPA has collected a total of 48 Roving Air Monitoring reading in the vicinity of Marathon, Denka, and Shell Norco facilities. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	12	11	10	33
Upwind	5	5	5	15
Total	17	16	15	48

- As of 12:00 pm on 09/10/21: EPA has collected a total of 4 Air Monitoring readings in the Irish Channel and Port Fourchon area. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.
- As of 14:30 on 09/10/21: On September 9, 2021, EPA set up 4 Summa Air Samplers. Downwind and upwind samplers were placed at the Shell-Norco and Marathon Garyville facilities. On September 10, 2021, 2 additional Summa Air Samplers will be set up at Denka, and 1 each at Irish Channel and Port Fourchon. See Map at end of report for locations of air sampling/monitoring locations.
- As of 13:00 on 09/10/21: EPA has received a total of 201 National Response Center (NRC) reports with 49 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/10/21: EPA is following up with Shell Norco which has an on-going air release and monitoring an oil spill in Lake Salvador which is currently being responded to by the responsible party. ExxonMobil Baton Rouge has notified EPA that their releases have been secured.
- As of 18:00 on 09/09/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/09/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/09/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/09/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2309.

Total targets not assessed: 597

Total targets assessed as a threat, require USCG action: 77.

Total targets assessed as a threat that require USCG monitoring: 602

Total Targets assessed and not found: 267

Total targets assessed action complete, LIP (left in place): 282

Total targets assessed, removal complete: 50

Total targets assessed, LIP (left in place): 434

Current Operations: 09SEP21 1800:

- BRANCH NOLA:

USCG continued to conduct port assessments of impacted areas. 06 2-vehicle assessment teams evaluated targets in 07 zones within Branch NOLA AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 02 UAS teams are in the area and conducted UAS operations to assess targets. NOAA ARC Collector/VADR activated and is being utilized by USCG assessment teams for MER target tracking, validation and/or further assessment. EMICP was approved for IDA MER Branch NOLA located at Sector NOLA.

- Significant field reports:

NOLA Division E: Team used a temporary bridge to access an area mostly inaccessible due to mud on the road. An NRC report of a boat fire was cleared. 09SEP operations included two teams on contractor (Global Diving) vessels which assessed targets from the waterside. One team member attended a marine assessment with State DEQ marine assets from Larose Boat Ramp to Port Sulphur. The member assessed a facility with secondary containment full of oil and leaking in spots.

NOLA Division F: Assessment Team monitored and observed various salvage operations in the area. A Sunken Vessel on Clara Drive adjacent to Lake Pontchartrain Northshore Beach was identified as having approximately 20 gallons of fuel on board. The RP hired a contractor to respond.

EPL Facility: Ida MER IMT was notified that on 05SEP21 EPA ASPECT overflight discovered what appeared to be a crude oil discharge into the earthen berm (secondary containment) in Venice, LA. Ida MER Data Management Group is conducting preliminary investigation to gather more information and determine RP actions.

Update: NOLA Branch assigned two teams to conduct an assessment of the location with support from UAS team, which confirmed the site only contains biological material and no oil. Case closed.

Phillips 66 Alliance Refinery: Update: 3 LDWF employees on site captured and documented the impacted wildlife. A brief overview of observations and wildlife collected is provided below. These numbers are estimates and not official/actual documented counts.

Live Oiled Wildlife Collected for rehabilitation: 17 (+10)

Dead Oiled wildlife collected: 03 (+0)

LADWF is working on collecting 03 ducklings and 02 adult ducks sighted swimming in sheen in the area.

- **BRANCH HOUMA:**

USCG continued to conduct port assessments of impacted areas. 04 teams (2-vehicles per team for safety) evaluated divisions within Branch Houma AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 01 UAS team arrived in the area along with 02 GST skiffs. 1 additional MSST boat was available as needed.

- **Significant field reports:**

Division B and Division C: Conducted assessment down Route 57 and Route 56: identified several smaller vessels with minor sheening but no recoverable product. Teams worked on identifying owners/RP. Team will return to re-assess and make operational determination. Underway group attempted to get underway to conduct a run of the Houma Navigation channel. Due to engine trouble they were unable to complete the run. Houma responders retrieved GV's from MSY NOLA.

Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Hurricane IDA MER IMT is reviewing the proposed salvage plan and verifying required training and qualifications for all contracted response personnel on scene prior to authorizing work to begin.

TPIC Cloverleaf: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTS approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. Update: The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. No other significant updates.

Teams Deployed / Status

- As of 14:30 on 09/10/21: ASPECT completed the assigned mission of assessing industrial targets identified by the state of Louisiana following Hurricane Ida. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/10/21: Nothing new to report.

ESF-3 Report (EPA) for 9/10/21:

Current Activities

- As of 10:00 on 9/10/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	23	41,489
Boil Water Advisories	152	453,335
Cleared of Boil Water Advisories	149	673,309

* As of 10:00 am on September 10, 2021

Teams Deployed / Status

- As of 14:30 on 09/10/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/10/21: Nothing new to report.

From: Fisher, Bray

Sent: Thursday, September 9, 2021 4:15 PM

To: 'Robinson, Timothy' <timothy.robinson@fema.dhs.gov>; 'Esa, Gibran' <gibran.esa@fema.dhs.gov>; 'Rosario, Joel' <joel.rosario@fema.dhs.gov>; 'inbox' <fema-r6imatplanning-la@fema.dhs.gov>

Cc: 'Bessetti, Jill A CIV (USA)' <Jill.A.Bessetti2@uscg.mil>; 'Jones, Becky K CAPT USCG D8 (USA)' <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Sorry for the tardiness, I was following up a couple of reporting points.

ESF-10 Report (EPA and USCG) for 9/9/21:

Current Activities

- As of 13:00 on 09/09/21: EPA has received a total of 196 National Response Center (NRC) reports with 47 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer. As of September 9, 2021, EPA will no longer be receiving reports from the US Coast Guard AOR.
- As of 14:30 on 09/09/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.

ExxonMobil Baton Rouge: The facility ended flaring on 9/7/21 at 10:48 am. Currently still in the start-up process.

Shell Norco: at 12% electrical power currently. There is still some visible black smoke coming from the flares, but it is only a small amount currently. Shell Norco is conducting community area monitoring using stationary and roving air monitors. No air monitoring readings have been above action level at this time.

Lake Salvador oil spill: Nothing new to report at this time.

- As of 18:00 on 09/08/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/08/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/08/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/08/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2265.

Total targets not assessed: 822

Total targets assessed as a threat, require USCG action: 92.

Total targets assessed as a threat that require USCG monitoring: 559

Total Targets assessed and not found: 187

Total targets assessed action complete, LIP (left in place): 246

Total targets assessed, removal complete: 11

Total targets assessed, LIP (left in place): 347

- As of 18:00 on 09/08/21: Phillips 66 Alliance Refinery: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LOSCO and LADWF is leading the recovery effort and has begun capturing wildlife and processing through the rehabilitation center. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. Update: 4 LDWF employees on site capturing and documenting impacted wildlife.
- As of 18:00 on 09/08/21: Bay Marchand Pipeline (Formerly referred to as TALOS Energy): Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG verified that Talos was not responsible for the spill. It was determined to originate from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line.

Teams Deployed / Status

- As of 14:30 on 09/09/21: ASPECT has completed the assigned mission of assessing industrial targets identified by the state of Louisiana following Hurricane Ida. On September 8, 2021, ASPECT assessed 18 facilities on the LDEQ priority list plus the Phillips 66 pipeline in St. Charles Parish, where an earlier release had been reported. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.

As of 14:30 on 09/09/21: EPA began roving air monitoring at priority locations as determined by LDEQ. Air sampling started upwind and downwind at Shell Norco and Marathon-Garyville

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/09/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/9/21:

Current Activities

- As of 14:30 on 09/09/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 10:00 on 09/09/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	27	41,298
Boil Water Advisories	205	574,395
Cleared of Boil Water Advisories	91	551,810

* As of 10:00 am on September 9, 2021

Teams Deployed / Status

- As of 14:30 on 09/09/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/09/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Wednesday, September 8, 2021 4:04 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>
Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/8/21:

Current Activities

- As of 13:00 on 09/08/21: EPA has received a total of 188 National Response Center (NRC) reports with 43 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/08/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.

ExxonMobil Baton Rouge: In the process of starting back up.

Shell Norco: Still no power at the facility. Shell Norco is evaluating equipment to be ready for start up once power is restored.

Lake Salvador oil spill: Oil impacted marsh just north of Lake Salvador (50-75 bbls.). Contractor clean-up crew is responding.

- As of 18:00 on 09/07/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/07/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/07/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.

As of 18:00 on 09/07/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2185.

Total targets not assessed: 1222.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 488

Total Targets assessed and not found: 92

Total targets assessed action complete, LIP (left in place): 102.

Total targets assessed, removal complete: 5.

Total targets assessed, LIP (left in place): 191

- As of 18:00 on 09/07/21: Phillips 66 Alliance Refinery: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LOSCO and LADWF is leading the recovery effort and has begun capturing wildlife and processing through the rehabilitation center. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. Update: 4 LDWF employees on site capturing and documenting impacted wildlife.
- As of 18:00 on 09/07/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Skimming operations have concluded, however Clean Gulf Associates remains on scene with a pollution dome (35 feet depth) over the leak that is collecting 3-4 gallons of oil per hour. There is no active sheening observed. Due to Talos not being the RP for this incident, MER IMT is using the OSLTF to contract T&T Marine Salvage to secure the discharge on the damaged pipeline.
- As of 18:00 on 09/07/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the

wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. S2 well closure verified by FOSCR and RP who conducted on scene assessment verified no sheen and no ongoing threat. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/08/21: ASPECT assessed 12 facilities on the Louisiana Department of Environmental Quality's (LDEQ) priority list plus on oil spill near Port Fourchon on September 7, 2021.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/08/21: Nothing new to report.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 10:00 on 9/7/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	38	45,395
Boil Water Advisories	232	601,819
Cleared of Boil Water Advisories	53	520,964

* As of 10:00 am on September 8, 2021

Teams Deployed / Status

- As of 14:30 on 09/08/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/08/21: Nothing new to report.

From: Fisher, Bray

Sent: Tuesday, September 7, 2021 4:17 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <michael.k.sams@uscg.mil>

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Including planning mailbox. Thank you!

From: Fisher, Bray

Sent: Tuesday, September 7, 2021 3:52 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>;

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/7/21:

Current Activities

- As of 13:00 on 09/07/21: EPA has received a total of 178 National Response Center (NRC) reports with 41 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/07/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.
- As of 14:30 on 09/07/21: LDEQ reported that 9 of their ambient air monitoring sites have stopped polling due to power outages as of September 7, 2021. LDEQ's Mobile Air Monitoring Labs (MAMLs) are positioned in Norco and Marrero
- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. At this time an ESF #10 Mission Assignment to EPA for assistance with orphan containers and spills is not anticipated. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 18:00 on 09/06/21: Salvage operations continue to be monitored through the incident specific salvage group.
- The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2098.

Total targets not assessed: 1311.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 437.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 46.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 114.

As of 18:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery.

LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted.

LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.

- As of 18:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Regulators support plugging, but confirmed Talos is not obligated or required. Skimming operations have concluded.
- As of 18:00 on 09/06/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG

conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/07/21: On September 7, 2021, EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida, the mission is currently scheduled through September 7, 2021. ASPECT did not fly on September 6, 2021 due to weather issues.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 08:30 on 9/7/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	51	63,005
Boil Water Advisories	242	842,067
Cleared of Boil Water Advisories	30	263,106

* As of 10:00 am on September 7, 2021

Teams Deployed / Status

- As of 14:30 on 09/07/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/07/21: The EPA Region 6 and 7 mobile drinking water laboratories demobilized from the Hurricane Ida response on September 7, 2021 per instructions from FEMA.

From: Fisher, Bray

Sent: Monday, September 6, 2021 3:36 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/6/21:

Current Activities

- As of 13:00 on 09/06/21 EPA has received a total of 171 National Response Center (NRC) reports with 39 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer
- As of 14:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/06/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2056.

Total targets not assessed: 1332.

Total targets assessed: 724.

Total targets assessed as a threat, require USCG action: 79.

Total targets assessed as a threat that require USCG monitoring: 410.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 44.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 96.

- As of 14:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.
- As of 14:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by IDA discharging residual crude oil. RP-led, response skimming recoverable oil. Divers completed underwater assessment of the TALOS Energy pipeline and found no ruptures/failures of any kind. TALOS activated their OSRO to conduct skimming operations. USCG overflight results showed rainbow sheening in the area but no recoverable product. USCG maintaining communications w/ RP.
- As of 14:00 on 09/06/2021: S2 Energy Update: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered on 05 Sep 21 via CG overflight out of ATC Mobile. S2 energy initiated response actions and were able to secure the source of the discharge at approximately 1945 on 05 Sep 21 by closing the casing valve at the discharge source. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. 1 Clean Gulf Associate 95' skimming vessel remains on scene conducting recovery operations, with little to no recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. USCG personnel arrived on scene and confirmed no sheen within or on the exterior of the boom.

Teams Deployed / Status

- As of 14:30 on 09/06/21: On September 6, 2021, ASPECT was unable to fly due to storms in the mission area, the mission is currently scheduled through September 7, 2021. On September 5, 2021, ASPECT overflow 25 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 08:30 on 9/6/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	65	59,489
Boil Water Advisories	231	1,068,625
Cleared of Boil Water Advisories	24	39,804

* As of 8:30 am on September 6, 2021

Teams Deployed / Status

- As of 14:30 on 09/06/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/06/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) will be demobilizing tomorrow (9/6/21) morning (pending official FEMA email green-lighting demobilization).

From: Fisher, Bray

Sent: Sunday, September 5, 2021 3:47 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/5/21:

Current Activities

- As of 13:00 on 09/05/21: EPA has received a total of 160 National Response Center (NRC) reports with 34 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:00 on 09/05/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/05/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/05/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 1857

Total targets not assessed: 1478.

Total targets assessed: 379.

Total targets assessed as a threat, require USCG action: 43.

Total targets assessed as a threat that require USCG monitoring: 263.

Total Targets assessed and not found: 0.

Total targets assessed action complete: 0.

Total targets no Coast Guard Action required: 64.

- As of 14:00 on 09/05/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. OSRO was hired to conduct clean-up operations and discovered oiled wildlife. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF is preparing to stage a wildlife rehabilitation center.
- As of 14:00 on 09/05/21: Talos Energy Pipeline/Port Fourchon: Witt O'Brien was hired as OSRO who sub-contracted Clean Gulf Associates for skimming boats, divers on scene attempting to find point source for the discharge along the pipeline. Line was reported shut-in with residual product.
- As of 14:00 on 09/05/2021: ATC Mobile conducted overflight of portions of MSU Houma AOR with a gulf strike team rider, specifically to gain clarity on the situation surrounding the Talos Energy Pipeline. They discovered an 11NM rainbow sheen which they believe is originating from the Talos Pipeline. They also discovered a actively discharging wellhead in the nearby area. The wellhead is spraying oil, creating a 20 yd by 20 yd area of recoverable product. 02 potential RP's have been identified, but MSU Houma has mobilized their OSRO (T&T) to prepare to respond in the case that an RP cannot respond in a timely manner.

Teams Deployed / Status

- As of 14:30 on 09/05/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities. ASPECT overflow 19 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/5/21:

Current Activities

- As of 08:30 on 9/5/21:

Drinking Water System Status		
Status *	Systems	Population Served
Water Outages	89	83,686
Boil Water Advisories	218	1,050,694
Cleared of Boil Water Advisories	13	33,538

* As of 8:30 am on September 5, 2021

Teams Deployed / Status

- As of 14:30 on 09/05/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/05/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

From: Fisher, Bray

Sent: Saturday, September 4, 2021 3:53 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/4/21:

Current Activities

- As of 13:00 on 09/04/21: EPA has received a total of 142 National Response Center (NRC) reports with 33 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/04/21: EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. On September 3, 2021, ASPECT overflew 10 facilities on the LDEQ priority list.
- As of 15:00 on 09/04/21: USCG continues to conduct port assessments of impacted areas, however debris and damage on the roadways are presenting a challenge.
- As of 15:00 on 09/04/21: USCG reports waterways continue to be assessed and opened, updates sent out daily.

Teams Deployed / Status

- As of 14:30 on 09/04/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities

ESF-3 Report (EPA) for 9/4/21:

Current Activities

- As of 08:30 on 9/4/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	107	133,779
Boil Water Advisories	205	1,020,707
Cleared of Boil Water Advisories	6	13,432

* As of 8:30 am on September 4, 2021

Teams Deployed / Status

- As of 14:30 on 09/04/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/04/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

Message

From: Fisher, Bray [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=10293F3ABA4A4F138468DBA33DB48610-FISHER, KEL]
Sent: 9/23/2021 8:50:36 PM
To: Rosario, Joel [joel.rosario@fema.dhs.gov]; inbox [fema-r6imatplanning-la@fema.dhs.gov]
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA) for 9/23/21:

Current Activities

- As of 18:00 on 09/23/21: On September 22, 2021, EPA concluded the Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. This will be the last reporting of these activities. The Stationary Air Monitors and the Summa Air Samplers were stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 24-hr Time Weighted Averages have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/22/2021 (0000 -- 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	2.39	5.60
Denka UW	2.69	6.70
Irish Channel	-	-
Marathon DW	4.56	21.10
Marathon UW	2.83	9.20
Norco DW	4.14	9.90
Norco UW	3.30	9.10
Port Fourchon	4.99	7.90

- As of 18:00 on 09/23/21: EPA has received a total of 223 National Response Center (NRC) reports with 66 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.

Teams Deployed / Status

- As of 13:00 on 09/23/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 13:00 on 09/23/21: Nothing new to report.

ESF-3 Report (EPA) for 9/23/21:

Current Activities

- As of 15:00 on 9/22/21:

Status	Systems Affected	Population Served
Water Outages	11	12,589
Boil Water Advisories	25	85,559
PWS Cleared of Boil Water Advisories	289	1,070,030

Teams Deployed / Status

- As of 13:00 on 09/23/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 13:00 on 09/23/21: Nothing new to report.

From: Fisher, Bray

Sent: Wednesday, September 22, 2021 3:11 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA) for 9/22/21:

Current Activities

- As of 13:00 on 09/22/21: On September 21, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 24-hr Time Weighted Averages have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/21/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	3.70	6.10
Denka UW	4.22	9.60
Irish Channel	6.21	24.50
Marathon DW	8.91	49.20
Marathon UW	4.67	10.20
Norco DW	6.78	13.80
Norco UW	4.58	12.80
Port Fourchon	5.62	8.60

- As of 13:00 on 09/22/21: EPA has received a total of 222 National Response Center (NRC) reports with 65 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/21/21: Jill Bessetti, USCG LNO, was officially released by FEMA.

Teams Deployed / Status

- As of 13:00 on 09/22/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 13:00 on 09/22/21: Nothing new to report.

ESF-3 Report (EPA) for 9/22/21:

Current Activities

- As of 14:30 on 9/21/21:

Status	Systems Affected	Population Served
Water Outages	11	12,589
Boil Water Advisories	27	87,054
PWS Cleared of Boil Water Advisories	287	1,068,535

Teams Deployed / Status

- As of 13:00 on 09/22/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 13:00 on 09/22/21: Nothing new to report.

From: Fisher, Bray

Sent: Tuesday, September 21, 2021 2:46 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/21/21:

Current Activities

- As of 14:30 on 09/21/21: On September 20, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/20/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.94	3.10
Denka UW	2.46	4.60
Irish Channel	3.01	5.70
Marathon DW	3.54	6.10
Marathon UW	2.65	4.90
Norco DW	3.63	6.90
Norco UW	2.65	5.40
Port Fourchon	4.61	9.30

- As of 18:00 on 09/20/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/20/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,491
 - Total targets not assessed: 66
 - Total targets assessed as a threat, require USCG action: 24
 - Total targets assessed as a threat that require USCG monitoring: 354

- Total Targets assessed and not found: 406
- Total targets assessed action complete, LIP (left in place): 24
- Total targets assessed, removal complete: 118
- Total targets assessed, LIP (left in place): 1499
- Recreational: 354
- Commercial: 218
- Commercial Fishing: 400

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports: Breton Sound Block 31:. (NRC #1316866, Unique ID OFFSHORE_022) 11SEP21, HC-144 confirmed light sheening in the area. State advised that well inspectors located a leak on a 3-inch valve on an orphan/abandoned well previously owned/operated by Aviva America. State of LA is in the process of sourcing a contractor to conduct repairs to secure the discharge. On site well inspectors estimate discharge rate is approximately 1 gallon of oily water mixture per day, creating an estimated 1nm long and 35ft wide unrecoverable silver sheen in Breton Sound. USCG intends to federalize the case and take actions to secure the source of the discharge and mitigate the threat to the environment. Initial on site assessment completed 20SEP21. It was determined that a spud barge will likely be required to safely access the work site, to address the active discharge. Currently awaiting a quote from the contractor. Case pends.
- Phillips 66 Alliance Refinery: A brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts.
- Live Oiled Wildlife Collected for rehabilitation: 34 (+8)
- Dead Oiled wildlife collected: 05 (0)

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:

TPIC Cloverly: TPIC Cloverly Farms: (NRC #1315265, Unique ID 169605_C01) Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP working to remove

Teams Deployed / Status

- As of 14:30 on 09/21/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/21/21: Nothing new to report.

ESF-3 Report (EPA) for 9/21/21:

Current Activities

- As of 15:00 on 9/20/21:

Status	Systems Affected	Population Served
Water Outages	12	13,977
Boil Water Advisories	30	96,940
PWS Cleared of Boil Water Advisories	284	1,057,261

Teams Deployed / Status

- As of 14:30 on 09/21/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/21/21: Nothing new to report.

From: Fisher, Bray

Sent: Monday, September 20, 2021 4:20 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Sorry this is late, I was trying to get clarification on the Water data table. Looks like LDH didn't pull the data Sunday, so the table is the same that I sent yesterday. Thanks!

ESF-10 Report (EPA and USCG) for 9/20/21:

Current Activities

- As of 14:30 on 09/19/21: On September 19, 2021, EPA continued Stationary Air Monitoring (for PM2.5) with co-located Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3. EPA is coordinating with LDEQ on the release of the summa canister sampling data

PM2.5 readings for 9/19/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.46	2.70
Denka UW	1.87	4.40
Irish Channel	3.06	5.90
Marathon DW	2.25	3.90
Marathon UW	2.10	4.60
Norco DW	2.08	10.30
Norco UW	1.73	4.70
Port Fourchon	3.58	5.70

- As of 13:00 on 09/19/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/19/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/19/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,482.
 - Total targets not assessed: 71
 - Total targets assessed as a threat, require USCG action: 24
 - Total targets assessed as a threat that require USCG monitoring: 364
 - Total Targets assessed and not found: 401
 - Total targets assessed action complete, LIP (left in place): 39
 - Total targets assessed, removal complete: 113
 - Total targets assessed, LIP (left in place): 1470
 - Recreational: 352
 - Commercial: 219
 - Commercial Fishing: 394

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:
 - Breton Sound Block 31: State was contacted advised that well inspectors located a leak on a 3-inch valve on an orphan/abandoned well previously owned/operated by Aviva America. State of LA is in the process of sourcing a contractor to conduct repairs to secure the discharge. On site well inspectors estimate discharge rate is approximately 1 gallon of oily water mixture per day, creating an estimated 1nm long and 35ft wide unrecoverable silver sheen in Breton Sound. USCG intends to federalize the case and take actions to secure the source of the discharge and mitigate the threat to the environment. Coast Guard IDA MER personnel will conduct site visit/assessment with contractor and develop response action plan/quote when able to safely access the area.
 - Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 05 (+2)

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
 - CG Active Responses Under FPN:
 - Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. OPS check-ins are scheduled for every 4 hours. Two USCG members are onboard crane barge and monitoring operations. Pipe was capped and no sheening observed. Collection dome was repositioned until cap is secured to specification. Jetting operations to ensure pipe lays down correctly were temporarily suspended due to weather. Case Pends.
 - TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP working to remove product from the facility with a 1000 BBL potential. Operations temporarily suspended due to weather, RP anticipates pumping of product and oily water when weather clears. Case Pends.
 - South Timbalier Block 21 - Received pictures from RP (Cox) and confirmed reports of an active discharge from a subsea pipeline. Cox contracted a dive team and located a severed 6-inch pipeline and applied a cap to secure the discharge. Received email update from RP stating dive ops are continuing as weather permits to identify source of second sheen at incident location. RP stated no dive ops were conducted due to weather. Divers were released and assigned to a new project. IMT spoke with RP who stated that the company is in the process of assembling a new dive crew and lift boat to be back on site, weather permitting. Overflight of the area was conducted and no sheen was observed. Case Pends.

Teams Deployed / Status

- As of 14:30 on 09/20/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/20/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/20/21:

Current Activities

- As of 15:00 on 9/18/21:

Status *	Systems	Population Served
Water Outages	13	14,067
Boil Water Advisories	30	126,722
Cleared of Boil Water Advisories	283	1,027,389

* As of 3:00 pm on September 18, 2021

Teams Deployed / Status

- As of 14:30 on 09/20/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/20/21: Nothing new to report.

From: Fisher, Bray

Sent: Sunday, September 19, 2021 3:34 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

NOTE: USCG has transitioned to submitting their 209's (which is where Jill was pulling the daily reporting points from) every 3 days since USCG has only 100 targets left to be assessed.

ESF-10 Report (EPA and USCG) for 9/19/21:

Current Activities

- As of 14:30 on 09/19/21: On September 18, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/18/2021 (0000 ~ 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.68	2.80
Denka UW	2.35	4.80
Irish Channel	3.19	9.40
Marathon DW	2.99	4.80
Marathon UW	2.85	5.20
Norco DW	2.65	5.30
Norco UW	2.26	5.10
Port Fourchon*	+	+

*The Port Fourchon Unit did not collect data during this reporting period. The unit will be replaced on September 19, 2021

- As of 13:00 on 09/19/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.

Teams Deployed / Status

- As of 14:30 on 09/19/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/19/21: Nothing new to report.

ESF-3 Report (EPA) for 9/19/21:

Current Activities

- As of 15:00 on 9/18/21:

Drinking Water (State):		
Status	Systems Affected	Population Served
Water Outages	13	14,067
Boil Water Advisories	30	126,722
PWS Cleared of Boil Water Advisories	283	1,027,389

Teams Deployed / Status

- As of 14:30 on 09/19/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/19/21: Nothing new to report.

From: Fisher, Bray

Sent: Saturday, September 18, 2021 1:29 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/18/21:

Current Activities

- As of 14:30 on 09/18/21: On September 17, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/17/2021 (0000 -- 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	2.84	4.40
Denka UW	3.22	5.10
Irish Channel	4.58	7.10
Marathon DW	5.41	19.60
Marathon UW	3.83	5.60
Norco DW	5.19	10.50
Norco UW	3.34	5.40
Port Fourchon	3.48	5.60

- As of 13:00 on 09/18/21: EPA has received a total of 216 National Response Center (NRC) reports with 62 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.

- As of 18:00 on 09/17/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/17/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,472.
 - Total targets not assessed: 95
 - Total targets assessed as a threat, require USCG action: 27
 - Total targets assessed as a threat that require USCG monitoring: 501
 - Total Targets assessed and not found: 367
 - Total targets assessed action complete, LIP (left in place): 30
 - Total targets assessed, removal complete: 92
 - Total targets assessed, LIP (left in place): 1360
 - Recreational: 353
 - Commercial: 218
 - Commercial Fishing: 391

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:
 - Breton Sound Block 31: State was contacted advised that well inspectors located a leak on a 3-inch valve on an orphan/abandoned well previously owned/operated by Aviva America. State of LA is in the process of sourcing a contractor to conduct repairs to secure the discharge. On site well inspectors estimate discharge rate is approximately 1 gallon of oily water mixture per day, creating an estimated 1nm long and 35ft wide unrecoverable silver sheen in Breton Sound. USCG intends to federalize the case and take actions to secure the source of the discharge and mitigate the threat to the environment. Coast Guard IDA MER personnel will conduct site visit/assessment with contractor and develop response action plan/quote when able to safely access the area.
 - Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 05 (+2)

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
 - CG Active Responses Under FPN:
 - Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. OPS check-ins are scheduled for every 4 hours. Two USCG members are onboard crane barge and monitoring operations. Pipe was capped and no sheening observed. Collection dome was repositioned until cap is secured to specification. Jetting operations to ensure pipe lays down correctly were temporarily suspended due to weather. Case Pends.
 - TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP working to remove product from the facility with a 1000 BBL potential. Operations temporarily suspended due to weather, RP anticipates pumping of product and oily water when weather clears. Case Pends.
 - South Timbalier Block 21 - Received pictures from RP (Cox) and confirmed reports of an active discharge from a subsea pipeline. Cox contracted a dive team and located a severed 6-inch pipeline and applied a

cap to secure the discharge. Received email update from RP stating dive ops are continuing as weather permits to identify source of second sheen at incident location. RP stated no dive ops were conducted due to weather. Divers were released and assigned to a new project. IMT spoke with RP who stated that the company is in the process of assembling a new dive crew and lift boat to be back on site, weather permitting. Overflight of the area was conducted and no sheen was observed. Case Pends.

Teams Deployed / Status

- As of 14:30 on 09/18/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/18/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/18/21:

Current Activities

- As of 15:00 on 9/17/21:

Status	Systems Affected	Population Served
Water Outages	13	14,067
Boil Water Advisories	44	131,816
PWS Cleared of Boil Water Advisories	269	1,022,295

Teams Deployed / Status

- As of 14:30 on 09/18/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/18/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Friday, September 17, 2021 3:08 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/17/21:

Current Activities

- As of 14:30 on 09/17/21: On September 16, 2021, EPA continued Stationary Air Monitoring (for PM2.5) co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below 24-hr NAAQS comparison value of 35 ug/m3.

PM2.5 readings for 9/16/2021 (0000 - 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW*	-	-
Denka UW	3.22	5.60
Irish Channel	5.85	10.60
Marathon DW	5.66	20.50
Marathon UW	4.03	19.30
Norco DW	4.76	8.30
Norco UW	3.78	10.00
Port Fourchon	3.71	7.30

*The Denka Downwind Unit was recovered for servicing during this reporting period.

- As of 13:00 on 09/17/21: EPA has received a total of 211 National Response Center (NRC) reports with 57 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/16/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/16/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston. The ICP will transition on September 26th to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/16/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/16/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,472.

Total targets not assessed: 98

Total targets assessed as a threat, require USCG action: 23

Total targets assessed as a threat that require USCG monitoring: 575

Total Targets assessed and not found: 351

Total targets assessed action complete, LIP (left in place): 30

Total targets assessed, removal complete: 92

Total targets assessed, LIP (left in place): 1298

Recreational: 351

Commercial: 223

Commercial Fishing: 392

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:

South Timbalier Block 21 – confirmed reports of active discharge from a subsea pipeline. Cox (RP) contracted a dive team and applied a cap to secure the discharge. There has been a second sheen observed and the RP is the process of assembling a new dive crew to conduct operations as early as tomorrow.

Breton Sound Block 31: CG IDA MER personnel will conduct site visit/assessment with contractor on 17SEP21 and develop a response/action plan. Discharge rate is approximately 1 gallon of oily water mixture per day and is creating an estimated 1nm long and 35ft wide unrecoverable sheen in Breton Sound.

Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 05 (+2)

IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:

16SEP21: Divisions A-D concentrating target assessment efforts in Golden Meadow area in preparation for USACOE-led salvage operations.

CG Active Responses Under FPN:

Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. Pollution dome in place, dive ops resumed. Pipe has been capped and no sheening observed. Jetting operations continue. Case Pends.

TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water pending weather.

Teams Deployed / Status

- As of 14:30 on 09/17/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/17/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/17/21:

Current Activities

- As of 15:00 on 9/16/21:

Status	Systems Affected	Population Served
Water Outages	15	14,299
Boil Water Advisories	53	233,116
PWS Cleared of Boil Water Advisories	258	920,763

Teams Deployed / Status

- As of 14:30 on 09/17/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/17/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Thursday, September 16, 2021 2:44 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>;

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/16/21:

Current Activities

- As of 14:30 on 09/16/21: On September 14, 2021, EPA continued Stationary Air Monitoring (for PM2.5) with co-located Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3. Preliminary results from the first set of Summa canisters is expected COB on September 16, 2021

PM2.5 readings for 9/14/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW	1.55	3.2
Denka UW	3.26	8.10
Irish Channel	6.92	12.30
Marathon DW	3.90	20.40
Marathon UW	4.38	20.50
Norco DW	4.86	12.00
Norco UW	3.50	6.70
Port Fourchon	6.21	16.10

- As of 13:00 on 09/16/21: EPA has received a total of 209 National Response Center (NRC) reports with 56 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 21 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/15/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/15/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/15/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/15/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2,464.
- Total targets not assessed: 225
- Total targets assessed as a threat, require USCG action: 21
- Total targets assessed as a threat that require USCG monitoring: 642
- Total Targets assessed and not found: 321
- Total targets assessed action complete, LIP (left in place): 9
- Total targets assessed, removal complete: 88
- Total targets assessed, LIP (left in place): 1158
- Recreational: 344
- Commercial: 223
- Commercial Fishing: 392
- BRANCH NOLA:
- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:
- Field ops suspended early due to inclement weather (NSTR).
- Breton Sound Block 31: USCG intends to federalize the case and take actions to secure the source of the discharge: Discharge rate is approximately 1 gallon of oily water mixture per day and is creating an estimated 1nm long and 35ft wide unrecoverable sheen in Breton Sound.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 26 (0) Dead Oiled wildlife collected: 03 (+0)
- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.
- BRANCH HOUMA:
- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
- 15SEP21: Ops suspended due to weather.
- CG Active Responses Under FPN:
- Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. Pollution dome has shifted and light sheening was observed. Dive ops paused due to sea state conditions. Anticipate dive ops to resume 16SEP21. Case Pends.
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water pending weather.

Teams Deployed / Status

- As of 14:30 on 09/16/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/16/21: Nothing new to report.

ESF-3 Report (EPA) for 9/16/21:

Current Activities

- As of 15:00 on 9/15/21:

Status *	Systems	Population Served
Water Outages	15	14,299
Boil Water Advisories	53	233,116
Cleared of Boil Water Advisories	258	920,763

* As of 3:00 pm on September 15, 2021

Teams Deployed / Status

- As of 14:30 on 09/16/21: The 1 EPA Wastewater SME continues working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/15/21: Nothing new to report.

From: Fisher, Bray

Sent: Wednesday, September 15, 2021 3:15 PM

To: Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/15/21:

Current Activities

- As of 14:30 on 09/15/21A continued Stationary Air Monitoring (for PM2.5) with co-located Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3. Preliminary results from the first set of Summa canisters is expected COB on September 16, 2021.

PM2.5 readings for 9/14/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW*	-	-
Denka UW	2.62	4.10
Irish Channel	4.71	8.00
Marathon DW	4.32	19.20
Marathon UW	3.31	5.10
Noreo DW	3.78	6.00
Noreo UW	2.99	5.80
Port Fourchon	3.38	9.50

*SGS monitoring device was experiencing connectivity issues, the data will be downloaded at a later time.

- As of 13:00 on 09/15/21: EPA has received a total of 208 National Response Center (NRC) reports with 55 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. No reports have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/14/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/14/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/14/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/14/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2477.

Total targets not assessed: 249

Total targets assessed as a threat, require USCG action: 65

Total targets assessed as a threat that require USCG monitoring: 650

Total Targets assessed and not found: 319

Total targets assessed action complete, LIP (left in place): 46

Total targets assessed, removal complete: 46

Total targets assessed, LIP (left in place): 1053

Recreational-331

Commercial-224

Commercial Fishing-382

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:

14SEP21: Field ops suspended early due to inclement weather (NSTR).

- Significant field reports: :

DIV A: Team conducted 3 UAS overflights for unassessed targets in Central DIVISION A. One team was accompanied by Global Diving/Salvage to conduct assessments for cleanup/salvage in and around the Port a la Hache area.

DIV B: Airboat was utilized to assess outlying targets in remote areas.

DIV E: Team utilized two trucks and two airboats from contractor for assessments in remote areas of Lafitte. Road conditions were difficult to navigate due to muddy conditions.

DIV F&G: 4 UAS overflights were conducted.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 23 (0) Dead Oiled wildlife collected: 03 (+0)
- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:

14SEP21: Ops suspended due to weather.

- CG Active Responses Under FPN:
- Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product with Clean Gulf Associates overseeing the collection. Skimming operations have concluded. IDA MER IMT hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T subcontracted resources to conduct mitigation efforts to plug/secure the unknown line. T&T completed operational, safety, and dive plans. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. Pollution dome remains in place, currently collecting some product, but mostly water. Dive ops paused today due to sea state conditions. Anticipate dive ops to resume 15SEP21. Case Pends.
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends.

Teams Deployed / Status

- As of 14:30 on 09/15/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/15/21: Nothing new to report.

ESF-3 Report (EPA) for 9/15/21:

Current Activities

- As of 15:00 on 9/14/21:

Status *	Systems	Population Served
Water Outages	16	14,389
Boil Water Advisories	66	247,936
Cleared of Boil Water Advisories	244	905,853

* As of 3:00 pm on September 14, 2021

Teams Deployed / Status

- As of 14:30 on 09/15/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities. The 1 EPA Drinking Water SME will be demobilized on end of shift today; 9/15/21.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/15/21: Nothing new to report.

From: Fisher, Bray

Sent: Tuesday, September 14, 2021 3:14 PM

To: Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/14/21:

Current Activities

- As of 14:30 on 09/14/21: On September 13, 2021, EPA continued Stationary Air Monitoring (for PM2.5) with co-located with Summa Air Sampling. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations, 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco) and 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below the 24-hr NAAQS comparison value of 35 ug/m3

PM2.5 readings for 9/13/2021 (0000 – 2400)		
Location	24-hr Time Weighted Avg (ug/m3)	Maximum Detection (ug/m3)
Denka DW*	-	-
Denka UW	4.84	9.5
Irish Channel	5.66	7.7
Marathon DW	10.697	22.8
Marathon UW	9.6	20.6
Norco DW	3.49	9.993
Norco UW	5.029	25
Port Fourchon	5.323	9.714

*SGS monitoring device was experiencing connectivity issues, the data will be manually downloaded at a later time.

- As of 13:00 on 09/14/21: EPA has received a total of 206 National Response Center (NRC) reports with 53 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/13/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/13/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/13/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/13/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2477.

Total targets not assessed: 273

Total targets assessed as a threat, require USCG action: 79

Total targets assessed as a threat that require USCG monitoring: 644

Total Targets assessed and not found: 319

Total targets assessed action complete, LIP (left in place): 257

Total targets assessed, removal complete: 80

Total targets assessed, LIP (left in place): 832

Recreational-330

Commercial-382

Commercial Fishing-382

BRANCH NOLA:

- USCG continues to conduct port assessments of impacted areas.
- Significant field reports:

13SEP21: Field ops suspended early due to inclement weather (NSTR).

- Significant field reports: :

DIV A: Team conducted 3 UAS overflights for unassessed targets in Central DIVISION A. One team was accompanied by Global Diving/Salvage to conduct assessments for cleanup/salvage in and around the Port a la Hache area.

DIV B: Airboat was utilized to assess outlying targets in remote areas.

DIV E: Team utilized two trucks and two airboats from contractor for assessments in remote areas of Lafitte. Road conditions were difficult to navigate due to muddy conditions.

DIV F&G: 4 UAS overflights were conducted.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 23 (0) Dead Oiled wildlife collected: 03 (+0)
- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.

BRANCH HOUMA:

- USCG is continuing to conduct port assessments of impacted areas.
- Significant field reports:
 - 13SEP21: Teams are conducting assessments and UAS operations as weather permits.
- CG Active Responses Under FPN: Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T has subcontracted on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: Update: T&T completed operational, safety, and dive plans. Houma Branch Response Team reported onboard at 1600 on 10 Sep 21 to oversee operations. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. 13SEP21 Update: Jetting operations continue, as needed. Pollution dome remains in place, no sheening observed at this time. Dive ops paused due to sea state conditions, anticipate improved weather tomorrow afternoon for capping operations. Two USCG members are onboard crane barge and monitoring operations.
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends.

Teams Deployed / Status

- As of 14:30 on 09/14/21: ASPECT remains on stand-by for future missions as deemed necessary by LDEQ

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/14/21: Nothing new to report.

ESF-3 Report (EPA) for 9/14/21:

Current Activities

- As of 15:00 on 9/13/21:

Status *	Systems	Population Served
Water Outages	17	19,707
Boil Water Advisories	87	317,507
Cleared of Boil Water Advisories	222	830,964

* As of 3:00 pm on September 13, 2021

Teams Deployed / Status

- As of 14:30 on 09/14/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities. The 1 EPA Drinking Water SME will be demobilized on end of shift 9/15/21.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/14/21: Nothing new to report.

From: Fisher, Bray

Sent: Monday, September 13, 2021 3:27 PM

To: Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>; Icaza, Arturo <arturo.icaiza@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/13/21:

Current Activities

- As of 10:25 on 09/13/21: In the period from 12:00 pm on September 10, 2021 to 10:00 am on September 13, 2021, EPA has collected a total of 95 Roving Air Monitoring readings in the vicinity of Marathon, Denka, and Shell-Norco facilities. All VOC and PM2.5 readings have been below the screening levels. As the Stationary Air Monitors are up and running the Roving Air Monitoring will be discontinued moving forward.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	18	20	24	62
Upwind	9	13	11	33
Total	27	33	35	95

- As of 10:25 on 09/13/21 : EPA has set up Stationary Air Monitors for PM2.5 co-located with Summa Air Samplers for VOCs. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon. PM2.5 readings have all been below screening levels.
- As of 10:25 on 09/13/21 : In the period from 12:00 pm on September 10, 2021 to 10:00 am on September 13, 2021, EPA has collected a total of 16 Air Monitoring readings in the Irish Channel and Port Fourchon areas. No VOC or PM2.5 readings above the detection limits have been measured. These hand-held readings will be

discontinued since stationary Air Monitors for PM2.5 colocated with Summa Air Samplers for VOCs have been deployed.

- As of 10:00 on 09/13/21: EPA has received a total of 204 National Response Center (NRC) reports with 52 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 10:25 on 09/13/21: On September 11, 2021, ASPECT flew a mission of grids as requested by the Louisiana Oil Spill Coordinator's Office. The grids contained locations of previously reported oil spills. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.
- As of 18:00 on 09/11/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/11/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/11/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/11/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2426.

Total targets not assessed: 325

Total targets assessed as a threat, require USCG action: 93

Total targets assessed as a threat that require USCG monitoring: 624

Total Targets assessed and not found: 308

Total targets assessed action complete, LIP (left in place): 374

Total targets assessed, removal complete: 68

Total targets assessed, LIP (left in place): 634

Recreational-332

Commercial-215

Commercial Fishing-379

- BRANCH NOLA:

USCG continues to conduct port assessments of impacted areas.

- Significant field reports:

12SEP21: Field ops suspended early due to inclement weather (NSTR).

DIV 1: Assessment team was accompanied by Global Diving/Salvage to conduct assessments for cleanup/salvage in and around the Venice Area.

DIV 2: Assessment Team discovered mystery sheen and recoverable product in the vicinity of a crane barge that was thought to be discharging fuel into the Mississippi River. Upon further investigation, it was determined that the crane barge was not the source of the discharge. No source could be identified, so QFM was subcontracted under the current ATP with Global Diving and Salvage to performed cleanup operations. DIV2 Team conducted contractor oversight and an estimated 15 gallons of petroleum product was recovered. Case Closed.

DIV 4: Discovered a sunken fishing vessel actively discharging. Team advised future actions needed. If no RP can be located, action will need to be taken to remove the pollution threat.

DIV 5: Assessment Team identified threat of patches of weathered black oil with in the marsh and no confirmed source. A potential source in the area included an oil pipeline, however, there was no evidence of a discharge from the pipeline. No RP or active discharge were identified. The area is remote and requires airboats for access. A follow up assessment was scheduled for 09/12/2021, however, due to weather, assessment could not be performed. Once weather permits, Assessment Team will reassess the target to determine necessary response actions. In addition, during the assessment operations, multiple drums and hazardous containers were identified and added to the target list. Case Pends.

- Phillips 66 Alliance Refinery: No LADWF employees on site due to weather. LADWF is capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts. Live Oiled Wildlife Collected for rehabilitation: 23 (0) Dead Oiled wildlife collected: 03 (+0)

- IDA MER has issued an ATP for \$100,000 to Global Diving & Salvage Inc. who will be providing small boats with crews to transport assessment team members around Lafitte to conduct assessments of areas previously unreachable.
- BRANCH HOUMA:

USCG is continuing to conduct port assessments of impacted areas.

- Significant field reports:

12SEP21: Field ops suspended due to inclement weather (NSTR).

UAS Team conducted one flight and assessed 01 target prior to standing down due to weather.

CG Active Responses Under FPN: Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T has subcontracted on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: Update: T&T completed operational, safety, and dive plans. Houma Branch Response Team reported onboard at 1600 on 10 Sep 21 to oversee operations. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours. 11SEP21 Dive suits arrived on-scene. Dive ops were temporarily suspended due to crane maintenance but resumed at 1700. 12SEP21 Commenced dive ops at 1100. Divers began to cut the line, install the cap and jet the area.

TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends.

Teams Deployed / Status

- As of 10:25 on 09/13/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 10:25 on 09/13/21: Nothing new to report.

ESF-3 Report (EPA) for 9/12/21:

Current Activities

- As of 15:00 on 9/12/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	19	19,724
Boil Water Advisories	86	318,654
Cleared of Boil Water Advisories	221	829,755

* As of 3:00 pm on September 12, 2021

Teams Deployed / Status

- As of 10:25 on 09/13/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities. FEMA confirmed that the 1 EPA Drinking Water SME will be demobilized on 9/14/21.

Concerns / Limitations / Lifeline Impacts:

- As of 10:25 on 09/13/21: Nothing new to report.

From: Fisher, Bray

Sent: Sunday, September 12, 2021 3:31 PM

To: 'Esa, Gibran' <gibran.esa@fema.dhs.gov>; 'Rosario, Joel' <joel.rosario@fema.dhs.gov>; 'inbox' <fema-r6imatplanning-la@fema.dhs.gov>

Cc: 'Bessetti, Jill A CIV (USA)' <Jill.A.Bessetti2@uscg.mil>; 'Jones, Becky K CAPT USCG D8 (USA)' <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/12/21:

Current Activities

- As of 14:30 on 09/12/21 EPA has set up Stationary Air Monitors co-located with Summa Air Samplers and will discontinue the Roving Air Monitoring moving forward. The Stationary Air Monitors and the Summa Air Samplers are stationed at 8 locations. 1 downwind and 1 upwind of each facility (Marathon, Denka, and Shell-Norco). 1 each at Irish Channel and Port Fourchon.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	7	9	12	28
Upwind	4	5	6	15
Total	11	14	18	43

- As of 14:30 on 09/12/21: In the 24-hour period prior to 12:00 pm on September 12, 2021, EPA has collected a total of 43 Roving Air Monitoring reading in the vicinity of Marathon, Denka, and Shell-Norco facilities. All VOC readings have been below the screening levels, PM2.5 readings have all been below screening levels.
- As of 14:30 on 09/12/21: In the 24-hour period prior to 12:00 pm on September 12, 2021, EPA has collected a total of 4 Air Monitoring readings in the Irish Channel and Port Fourchon area. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.
- As of 13:00 on 09/12/21: EPA has received a total of 203 National Response Center (NRC) reports with 51 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 18:00 on 09/11/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/11/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/11/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.

As of 18:00 on 09/11/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2425.

Total targets not assessed: 328

Total targets assessed as a threat, require USCG action: 110

Total targets assessed as a threat that require USCG monitoring: 626

Total Targets assessed and not found: 308

Total targets assessed action complete, LIP (left in place): 364

Total targets assessed, removal complete: 62

Total targets assessed, LIP (left in place): 627

Recreational-330

Commercial-215

Commercial Fishing-380

Data Management:

- NESDIS Imagery Status Update: Data Collection Team is awaiting pictures from overflight but has received verbal confirmation that there was no recoverable product. 02 of the 04 sites have been cleared and confirmed no sheen or active discharge.
- Grand Isle/ South Timbalier Block 41 – On 11 Sep 21, HC-144 flew the area and confirmed light sheening in the area. The data collection team is working to identify an RP to take appropriate response actions.
- West Delta Block 29/30 – On 11 Sep 21, HC-144 flew the area and confirmed no active discharge or sheen in the area.
- Mississippi Canyon 20 – On 11 Sep 21, HC-144 flew the area and confirmed no active discharge or sheen in the area.
- Breton Sound block 31 – On 11 Sep 21, HC-144 flew the area and confirmed light sheening in the area. The data collection team is working to identify an RP to take appropriate response actions.
- Reviewed imagery on over 300+ targets to date.
- Received 02 NRC's today; conducted preliminary calls on 02, and closed out 02 NRC's. Created 01 target. Added 02 targets in ERMA.
- HC-144 overflight conducted with 02 field observers to investigate high priority targets.
- Phillips 66 Alliance Refinery: Phillips 66 Alliance Refinery: 5 LDWF employees on site capturing and documenting impacted wildlife, a brief overview of observations and wildlife collected is provided below. These numbers are gross estimates and not official/actual documented counts.
- Live Oiled Wildlife Collected for rehabilitation: 23 (+2)
- Dead Oiled wildlife collected: 03 (+0)
- CG Active Responses Under FPN: Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA that discharged residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC hired T&T Marine Salvage and opened a federal project to mitigate the discharge. T&T has subcontracted on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: T&T completed operational, safety, and dive plans. Houma Branch Response Team reported onboard at 1600 on 10 Sep 21 to oversee operations. Project is expected to last 3-5 days. OPS check-ins are scheduled for every 4 hours.
- Dive ops were suspended on 10 Sep 21 due to lack of required non-porous suits to conduct equipment set up dives. Dive suits arrived on-scene on 11 Sep 21. Dive ops suspended due to crane malfunction. Once repaired divers will begin to cut the line, install the cap, and then jet the area. This sequence of events prioritizes the securing of the source and reduces disposal cost. Case pends
- TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: 1000 BBL potential, RP anticipates starting pumping of product and oily water beginning Tuesday; pending MTSRU opening the channel. Case pends

Teams Deployed / Status

- As of 14:30 on 09/12/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/12/21: Nothing new to report.

Current Activities

- As of 10:00 on 9/12/21:

Status	Systems Affected	Population Served
Water Outages	18	19,661
Boil Water Advisories	91	326,226
PWS Cleared of Boil Water Advisories	217	822,246

Teams Deployed / Status

- As of 14:30 on 09/12/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/12/21: Nothing new to report.

From: Fisher, Bray

Sent: Saturday, September 11, 2021 3:10 PM

To: Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/11/21:

Current Activities

- As of 14:30 on 09/11/21: In the 24-hour period prior to 12:00 pm on September 11, 2021, EPA has collected a total of 48 Roving Air Monitoring reading in the vicinity of Marathon, Denka, and Shell-Norco facilities. All VOC readings have been below the screening levels, PM2.5 readings have all been below screening levels.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	11	9	12	32
Upwind	3	8	5	16
Total	14	17	17	48

- As of 14:30 on 09/11/21: In the 24-hour period prior to 12:00 pm on September 11, 2021, EPA has collected a total of 6 Air Monitoring readings in the Irish Channel and Port Fourchon area. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.
- As of 14:30 on 09/11/21: On September 10, 2021, EPA set up 8 Summa Air Samplers. 6 Summa Air Samplers were set up in the vicinity of the Marathon, Denka, and Shell-Norco facilities (1 downwind and 1 upwind of each facility). 2 additional Summa Air Samplers were set up, 1 each at Irish Channel and Port Fourchon.
- As of 13:00 on 09/11/21: EPA has received a total of 203 National Response Center (NRC) reports with 50 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer

- As of 18:00 on 09/10/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/10/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/10/21: As of 18:00 on 09/10/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/10/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2333.

Total targets not assessed: 410

Total targets assessed as a threat, require USCG action: 82

Total targets assessed as a threat that require USCG monitoring: 606

Total Targets assessed and not found: 297

Total targets assessed action complete, LIP (left in place): 303

Total targets assessed, removal complete: 61

Total targets assessed, LIP (left in place): 574

Recreational-324

Commercial-208

Commercial Fishing-378

- Data Management:

Reviewed imagery on over 280+ targets to date.

Received 11 NRC's today; conducted preliminary calls on 08, and closed out 11 NRC's.

Updated status of 07 targets and added 01 target in ERMA.

22 priority Offshore targets identified for MER overflight with 02 riders to conduct aerial assessment for high visibility targets.

Current Operations: 10SEP21 1800

- BRANCH NOLA:

USCG continued to conduct port assessments of impacted areas. 06 2-vehicle assessment teams evaluated targets in 07 zones within Branch NOLA AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 02 UAS teams are in the area and conducted UAS operations to assess targets. NOAA ARC Collector/VADR activated and is being utilized by USCG assessment teams for MER target tracking, validation and/or further assessment. EMICP was approved for IDA MER Branch NOLA located at Sector NOLA.

Significant field reports:

NOLA Division B: Team assessed and monitored high-priority report of a crane barge discharging diesel into the Mississippi River located ivo Port of New Orleans East Bank. The team conducted and completed contractor oversight of removal operations. Case closed

Phillips 66 Alliance Refinery: 3 LDWF employees on site captured and documented the impacted wildlife. A brief overview of observations and wildlife collected is provided below. These numbers are estimates and not official/actual documented counts.

Live Oiled Wildlife Collected for rehabilitation: 21 (+4)

Dead Oiled wildlife collected: 03 (+0)

- BRANCH HOUMA:

USCG continued to conduct port assessments of impacted areas. 04 teams (2-vehicles per team for safety) evaluated divisions within Branch Houma AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 01 UAS team arrived in the area along with 02 GST skiffs. 1 additional MSST boat was available as needed.

Significant field reports:

Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T

Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Update: Hurricane IDA MER IMT has reviewed and verified the required training and qualifications for all contracted response personnel on scene. Contractors began jettting the area around the damaged flow line. 01 FOSCR and 01 PR are onscene for contractor oversight.

TPIC Cloverly: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTSRU approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. Update: USCG MTSRU reported that there is no ETA for waterway opening. Navy SUPSALV and Army Corps of Engineers are on scene for ongoing salvage operations. There are approximately 150 targets for salvage along this waterway.

Teams Deployed / Status

- As of 14:30 on 09/11/21: Nothing new to report.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/11/21: Nothing new to report.
-

ESF-3 Report (EPA) for 9/11/21:

Current Activities

- As of 10:00 on 9/11/21:

Status	Systems Affected	Population Served
Water Outages	19	32,017
Boil Water Advisories	132	377,671
PWS Cleared of Boil Water Advisories	173	758,445

Teams Deployed / Status

- As of 14:30 on 09/11/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/11/21: Nothing new to report.
-

From: Fisher, Bray

Sent: Friday, September 10, 2021 3:40 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Current Activities

- As of 14:30 on 09/10/21: In the 24-hour period prior to 12:00 pm on September 10, 2021, EPA has collected a total of 48 Roving Air Monitoring reading in the vicinity of Marathon, Denka, and Shell Norco facilities. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.

Roving Air Monitoring to Date				
	Marathon	Denka	Shell Norco	Total
Downwind	12	11	10	33
Upwind	5	5	5	15
Total	17	16	15	48

- As of 12:00 pm on 09/10/21: EPA has collected a total of 4 Air Monitoring readings in the Irish Channel and Port Fourchon area. No VOC readings above the detection limits have been measured, PM2.5 readings have all been below screening levels.
- As of 14:30 on 09/10/21: On September 9, 2021, EPA set up 4 Summa Air Samplers. Downwind and upwind samplers were placed at the Shell-Norco and Marathon Garyville facilities. On September 10, 2021, 2 additional Summa Air Samplers will be set up at Denka, and 1 each at Irish Channel and Port Fourchon. See Map at end of report for locations of air sampling/monitoring locations.
- As of 13:00 on 09/10/21: EPA has received a total of 201 National Response Center (NRC) reports with 49 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 20 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/10/21: EPA is following up with Shell Norco which has an on-going air release and monitoring an oil spill in Lake Salvador which is currently being responded to by the responsible party. ExxonMobil Baton Rouge has notified EPA that their releases have been secured.
- As of 18:00 on 09/09/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/09/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/09/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/09/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2309.

Total targets not assessed: 597

Total targets assessed as a threat, require USCG action: 77.

Total targets assessed as a threat that require USCG monitoring: 602

Total Targets assessed and not found: 267

Total targets assessed action complete, LIP (left in place): 282

Total targets assessed, removal complete: 50

Total targets assessed, LIP (left in place): 434

Current Operations: 09SEP21 1800:

- BRANCH NOLA:

USCG continued to conduct port assessments of impacted areas. 06 2-vehicle assessment teams evaluated targets in 07 zones within Branch NOLA AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 02 UAS teams are in the area and conducted UAS operations to assess targets. NOAA ARC Collector/VADR activated and is being utilized by USCG assessment teams for MER target tracking, validation and/or further assessment. EMICP was approved for IDA MER Branch NOLA located at Sector NOLA.

- Significant field reports:

NOLA Division E: Team used a temporary bridge to access an area mostly inaccessible due to mud on the road. An NRC report of a boat fire was cleared. 09SEP operations included two teams on contractor (Global Diving) vessels which assessed targets from the waterside. One team member attended a marine assessment with State DEQ marine assets

from Larose Boat Ramp to Port Sulphur. The member assessed a facility with secondary containment full of oil and leaking in spots.

NOLA Division F: Assessment Team monitored and observed various salvage operations in the area. A Sunken Vessel on Clara Drive adjacent to Lake Pontchartrain Northshore Beach was identified as having approximately 20 gallons of fuel on board. The RP hired a contractor to respond.

EPL Facility: Ida MER IMT was notified that on 05SEP21 EPA ASPECT overflight discovered what appeared to be a crude oil discharge into the earthen berm (secondary containment) in Venice, LA. Ida MER Data Management Group is conducting preliminary investigation to gather more information and determine RP actions.

Update: NOLA Branch assigned two teams to conduct an assessment of the location with support from UAS team, which confirmed the site only contains biological material and no oil. Case closed.

Phillips 66 Alliance Refinery: Update: 3 LDWF employees on site captured and documented the impacted wildlife. A brief overview of observations and wildlife collected is provided below. These numbers are estimates and not official/actual documented counts.

Live Oiled Wildlife Collected for rehabilitation: 17 (+10)

Dead Oiled wildlife collected: 03 (+0)

LADWF is working on collecting 03 ducklings and 02 adult ducks sighted swimming in sheen in the area.

- **BRANCH HOUMA:**

USCG continued to conduct port assessments of impacted areas. 04 teams (2-vehicles per team for safety) evaluated divisions within Branch Houma AOR. Debris and damage on the roadways continued to be cleared allowing for greater access to all targets. 01 UAS team arrived in the area along with 02 GST skiffs. 1 additional MSST boat was available as needed.

- **Significant field reports:**

Division B and Division C: Conducted assessment down Route 57 and Route 56: identified several smaller vessels with minor sheening but no recoverable product. Teams worked on identifying owners/RP. Team will return to re-assess and make operational determination. Underway group attempted to get underway to conduct a run of the Houma Navigation channel. Due to engine trouble they were unable to complete the run. Houma responders retrieved GV's from MSY NOLA.

Bay Marchand Pipeline: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG determined the discharge originated from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line. Hurricane IDA MER IMT is reviewing the proposed salvage plan and verifying required training and qualifications for all contracted response personnel on scene prior to authorizing work to begin.

TPIC Cloverleaf: Crude oil storage tank discharged approximately 50-60bbls. Damages to platform compromised the integrity of the structure and tanks, which present an immediate danger of another failure resulting in the further discharge of crude oil. No reports of active discharge at this time. USCG MTS approved waiver for tug/tank barge to transit and begin offload of storage tank. Due to waterway impacts tug/tank barge have been unable to reach the facility. RP is working with Houma IMT MTSRU to determine an alternative plan. Update: The RP contacted Clean Gulf as contingency in the event that they are unable to get their own vessels to respond. No other significant updates.

Teams Deployed / Status

- As of 14:30 on 09/10/21: ASPECT completed the assigned mission of assessing industrial targets identified by the state of Louisiana following Hurricane Ida. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/10/21: Nothing new to report.

ESF-3 Report (EPA) for 9/10/21:

Current Activities

- As of 10:00 on 9/10/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	23	41,489
Boil Water Advisories	152	453,335
Cleared of Boil Water Advisories	149	673,309

* As of 10:00 am on September 10, 2021

Teams Deployed / Status

- As of 14:30 on 09/10/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/10/21: Nothing new to report.

From: Fisher, Bray

Sent: Thursday, September 9, 2021 4:15 PM

To: 'Robinson, Timothy' <timothy.robinson@fema.dhs.gov>; 'Esa, Gibran' <gibran.esa@fema.dhs.gov>; 'Rosario, Joel' <joel.rosario@fema.dhs.gov>; 'inbox' <fema-r6imatplanning-la@fema.dhs.gov>

Cc: 'Bessetti, Jill A CIV (USA)' <Jill.A.Bessetti2@uscg.mil>; 'Jones, Becky K CAPT USCG D8 (USA)' <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Sorry for the tardiness, I was following up a couple of reporting points.

ESF-10 Report (EPA and USCG) for 9/9/21:

Current Activities

- As of 13:00 on 09/09/21: EPA has received a total of 196 National Response Center (NRC) reports with 47 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer. As of September 9, 2021, EPA will no longer be receiving reports from the US Coast Guard AOR.
- As of 14:30 on 09/09/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.

ExxonMobil Baton Rouge: The facility ended flaring on 9/7/21 at 10:48 am. Currently still in the start-up process.

Shell Norco: at 12% electrical power currently. There is still some visible black smoke coming from the flares, but it is only a small amount currently. Shell Norco is conducting community area monitoring using stationary and roving air monitors. No air monitoring readings have been above action level at this time.

Lake Salvador oil spill: Nothing new to report at this time.

- As of 18:00 on 09/08/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/08/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/08/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/08/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2265.

Total targets not assessed: 822

Total targets assessed as a threat, require USCG action: 92.

Total targets assessed as a threat that require USCG monitoring: 559

Total Targets assessed and not found: 187

Total targets assessed action complete, LIP (left in place): 246

Total targets assessed, removal complete: 11

Total targets assessed, LIP (left in place): 347

- As of 18:00 on 09/08/21: Phillips 66 Alliance Refinery: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LOSCO and LADWF is leading the recovery effort and has begun capturing wildlife and processing through the rehabilitation center. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. Update: 4 LDWF employees on site capturing and documenting impacted wildlife.
- As of 18:00 on 09/08/21: Bay Marchand Pipeline (Formerly referred to as TALOS Energy): Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. USCG verified that Talos was not responsible for the spill. It was determined to originate from a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos proactively put a pollution dome on the pipeline to collect any discharging product and Clean Gulf Associates remains on scene overseeing the collection of 3-4 gallons of oil per hour. There is no active sheening observed. Skimming operations have concluded. IDA MER OSC met with T&T Marine Salvage and DOL-92 and a new federal project was opened to mitigate the discharge. T&T has subcontracted the on scene resources to conduct the mitigation efforts to plug/secure the unknown line.

Teams Deployed / Status

- As of 14:30 on 09/09/21: ASPECT has completed the assigned mission of assessing industrial targets identified by the state of Louisiana following Hurricane Ida. On September 8, 2021, ASPECT assessed 18 facilities on the LDEQ priority list plus the Phillips 66 pipeline in St. Charles Parish, where an earlier release had been reported. ASPECT remains on stand-by for future missions as deemed necessary by LDEQ.

As of 14:30 on 09/09/21: EPA began roving air monitoring at priority locations as determined by LDEQ. Air sampling started upwind and downwind at Shell Norco and Marathon-Garyville

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/09/21: Nothing new to report.

ESF-3 Report (EPA) for 9/9/21:

Current Activities

- As of 14:30 on 09/09/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 10:00 on 09/09/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	27	41,298
Boil Water Advisories	205	574,395
Cleared of Boil Water Advisories	91	551,810

* As of 10:00 am on September 9, 2021

Teams Deployed / Status

- As of 14:30 on 09/09/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/09/21: Nothing new to report.

From: Fisher, Bray

Sent: Wednesday, September 8, 2021 4:04 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/8/21:

Current Activities

- As of 13:00 on 09/08/21: EPA has received a total of 188 National Response Center (NRC) reports with 43 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/08/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.

ExxonMobil Baton Rouge: In the process of starting back up.

Shell Norco: Still no power at the facility. Shell Norco is evaluating equipment to be ready for start up once power is restored.

Lake Salvador oil spill: Oil impacted marsh just north of Lake Salvador (50-75 bbls.). Contractor clean-up crew is responding.

- As of 18:00 on 09/07/21: Salvage operations continue to be monitored through the incident specific salvage group.
- As of 18:00 on 09/07/21: The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/07/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.

As of 18:00 on 09/07/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2185.

Total targets not assessed: 1222.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 488

Total Targets assessed and not found: 92

Total targets assessed action complete, LIP (left in place): 102.

Total targets assessed, removal complete: 5.

Total targets assessed, LIP (left in place): 191

- As of 18:00 on 09/07/21: Phillips 66 Alliance Refinery: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LOSCO and LADWF is leading the recovery effort and has begun capturing wildlife and processing through the rehabilitation center. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. Update: 4 LDWF employees on site capturing and documenting impacted wildlife.
- As of 18:00 on 09/07/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Skimming operations have concluded, however Clean Gulf Associates remains on scene with a pollution dome (35 feet depth) over the leak that is collecting 3-4 gallons of oil per hour. There is no active sheening observed. Due to Talos not being the RP for this incident, MER IMT is using the OSLTF to contract T&T Marine Salvage to secure the discharge on the damaged pipeline.

- As of 18:00 on 09/07/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. S2 well closure verified by FOSCR and RP who conducted on scene assessment verified no sheen and no ongoing threat. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/08/21: ASPECT assessed 12 facilities on the Louisiana Department of Environmental Quality's (LDEQ) priority list plus on oil spill near Port Fourchon on September 7, 2021.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/08/21: Nothing new to report.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 10:00 on 9/7/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	38	45,395
Boil Water Advisories	232	601,819
Cleared of Boil Water Advisories	53	520,964

* As of 10:00 am on September 8, 2021

Teams Deployed / Status

- As of 14:30 on 09/08/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.

Concerns / Limitations / Lifeline Impacts:

- As of 14:30 on 09/08/21: Nothing new to report.

From: Fisher, Bray

Sent: Tuesday, September 7, 2021 4:17 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>; inbox <fema-r6imatplanning-la@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <michael.k.sams@uscg.mil>

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Including planning mailbox. Thank you!

From: Fisher, Bray

Sent: Tuesday, September 7, 2021 3:52 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/7/21:

Current Activities

- As of 13:00 on 09/07/21: EPA has received a total of 178 National Response Center (NRC) reports with 41 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/07/21: EPA is remotely monitoring two facilities with on-going air releases, ExxonMobil Baton Rouge and Shell Norco, and an oil spill in Lake Salvador which is currently being responded to by the responsible party.
- As of 14:30 on 09/07/21: LDEQ reported that 9 of their ambient air monitoring sites have stopped polling due to power outages as of September 7, 2021. LDEQ's Mobile Air Monitoring Labs (MAMLs) are positioned in Norco and Marrero
- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. At this time an ESF #10 Mission Assignment to EPA for assistance with orphan containers and spills is not anticipated. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 18:00 on 09/06/21: Salvage operations continue to be monitored through the incident specific salvage group.
- The incident specific IMT has been established. IMT is currently operating and working to build a robust organization. Field operations will be conducted out of the Houma Branch and NOLA Branch. The IDA MER ICP is temporarily located at Sector Houston Galveston while arrangements are being made to move to Baton Rouge to co-locate with State partners.
- As of 18:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 18:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2098.

Total targets not assessed: 1311.

Total targets assessed as a threat, require USCG action: 85.

Total targets assessed as a threat that require USCG monitoring: 437.

Total Targets assessed and not found: 0.

Total targets assessed action complete, LIP (left in place): 46.

Total targets assessed, removal complete: 3.

Total targets assessed, LIP (left in place): 114.

As of 18:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.

- As of 18:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by Hurricane IDA was suspected to be discharging residual crude oil. Determined Talos is not responsible for the spill. It was determined to be a flow line with unknown ownership. Ownership predates pipeline data sets from USCG, BSEE, and PHMSA. Talos put a pollution dome on the pipeline and have a plug on scene, but are getting their legal team involved to ensure that they would not be responsible for the line prior to plugging for any damage. All agencies have confirmed unknown ownership. Regulators support plugging, but confirmed Talos is not obligated or required. Skimming operations have concluded.
- As of 18:00 on 09/06/2021: S2 Energy: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered by a CG overflight out of ATC Mobile. Due to a loss of natural well pressure, the discharge has stopped as of 1800 05Sep21. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. There is 1 Clean Gulf Associates 95' skimming vessel on scene conducting recovery operations, with

little to not recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. ES&H is standing by to respond at first light with 6 responders and an additional 1000' of boom. Well control personnel will be on site at 2100 05Sep21. USCG conducted an on-water assessment of response efforts. The USCG team reported no sheen inside or outside of the containment boom. The skimming vessel was unable to recover any appreciable amount. Cased closed.

Teams Deployed / Status

- As of 14:30 on 09/07/21: On September 7, 2021, EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida, the mission is currently scheduled through September 7, 2021. ASPECT did not fly on September 6, 2021 due to weather issues.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 14:30 on 09/07/21: LDEQ has completed their initial Rapid Needs Assessments of the impacted area. Assessments of drinking water, waste water and industrial facilities are ongoing. No major issues have been reported to date.
- As of 08:30 on 9/7/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	51	63,005
Boil Water Advisories	242	842,067
Cleared of Boil Water Advisories	30	263,106

* As of 10:00 am on September 7, 2021

Teams Deployed / Status

- As of 14:30 on 09/07/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/07/21: The EPA Region 6 and 7 mobile drinking water laboratories demobilized from the Hurricane Ida response on September 7, 2021 per instructions from FEMA.

From: Fisher, Bray

Sent: Monday, September 6, 2021 3:36 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/6/21:

Current Activities

- As of 13:00 on 09/06/21 EPA has received a total of 171 National Response Center (NRC) reports with 39 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer
- As of 14:00 on 09/06/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/06/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/06/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 2056.

Total targets not assessed: 1332.
 Total targets assessed: 724.
 Total targets assessed as a threat, require USCG action: 79.
 Total targets assessed as a threat that require USCG monitoring: 410.
 Total Targets assessed and not found: 0.
 Total targets assessed action complete, LIP (left in place): 44.
 Total targets assessed, removal complete: 3.
 Total targets assessed, LIP (left in place): 96.

- As of 14:00 on 09/06/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF has collected 02 live oiled birds and 02 dead oiled birds and are processing through the wildlife rehabilitation center.
- As of 14:00 on 09/06/21: TALOS Energy: Abandoned crude oil pipeline damaged by IDA discharging residual crude oil. RP-led, response skimming recoverable oil. Divers completed underwater assessment of the TALOS Energy pipeline and found no ruptures/failures of any kind. TALOS activated their OSRO to conduct skimming operations. USCG overflight results showed rainbow sheening in the area but no recoverable product. USCG maintaining communications w/ RP.
- As of 14:00 on 09/06/2021: S2 Energy Update: An S2 Energy owned wellhead East of Calumet Island in Timbalier Bay was discovered on 05 Sep 21 via CG overflight out of ATC Mobile. S2 energy initiated response actions and were able to secure the source of the discharge at approximately 1945 on 05 Sep 21 by closing the casing valve at the discharge source. OMI (OSRO) responded to deploy 1,000' of containment boom around the wellhead. 1 Clean Gulf Associate 95' skimming vessel remains on scene conducting recovery operations, with little to no recoverable product discovered on scene. Vessels and drones have been utilized to try and locate any recoverable product in the area with no success. USCG personnel arrived on scene and confirmed no sheen within or on the exterior of the boom.

Teams Deployed / Status

- As of 14:30 on 09/06/21: On September 6, 2021, ASPECT was unable to fly due to storms in the mission area, the mission is currently scheduled through September 7, 2021. On September 5, 2021, ASPECT overflew 25 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/6/21:

Current Activities

- As of 08:30 on 9/6/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	65	59,489
Boil Water Advisories	231	1,068,625
Cleared of Boil Water Advisories	24	39,804

* As of 8:30 am on September 6, 2021

Teams Deployed / Status

- As of 14:30 on 09/06/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/06/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) will be demobilizing tomorrow (9/6/21) morning (pending official FEMA email green-lighting demobilization).

From: Fisher, Bray

Sent: Sunday, September 5, 2021 3:47 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/5/21:

Current Activities

- As of 13:00 on 09/05/21: EPA has received a total of 160 National Response Center (NRC) reports with 34 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:00 on 09/05/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/05/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/05/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 1857

Total targets not assessed: 1478.

Total targets assessed: 379.

Total targets assessed as a threat, require USCG action: 43.

Total targets assessed as a threat that require USCG monitoring: 263.

Total Targets assessed and not found: 0.

Total targets assessed action complete: 0.

Total targets no Coast Guard Action required: 64.

- As of 14:00 on 09/05/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. OSRO was hired to conduct clean-up operations and discovered oiled wildlife. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF is preparing to stage a wildlife rehabilitation center.
- As of 14:00 on 09/05/21: Talos Energy Pipeline/Port Fourchon: Witt O'Brien was hired as OSRO who sub-contracted Clean Gulf Associates for skimming boats, divers on scene attempting to find point source for the discharge along the pipeline. Line was reported shut-in with residual product.
- As of 14:00 on 09/05/2021: ATC Mobile conducted overflight of portions of MSU Houma AOR with a gulf strike team rider, specifically to gain clarity on the situation surrounding the Talos Energy Pipeline. They discovered an 11NM rainbow sheen which they believe is originating from the Talos Pipeline. They also discovered a actively discharging wellhead in the nearby area. The wellhead is spraying oil, creating a 20 yd by 20 yd area of recoverable product. 02 potential RP's have been identified, but MSU Houma has mobilized their OSRO (T&T) to prepare to respond in the case that an RP cannot respond in a timely manner.

Teams Deployed / Status

- As of 14:30 on 09/05/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities. ASPECT overflow 19 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/5/21:

Current Activities

- As of 08:30 on 9/5/21:

Drinking Water System Status		
Status *	Systems	Population Served
Water Outages	89	83,686
Boil Water Advisories	218	1,050,694
Cleared of Boil Water Advisories	13	33,538

* As of 8:30 am on September 5, 2021

Teams Deployed / Status

- As of 14:30 on 09/05/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/05/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

From: Fisher, Bray

Sent: Saturday, September 4, 2021 3:53 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/4/21:

Current Activities

- As of 13:00 on 09/04/21: EPA has received a total of 142 National Response Center (NRC) reports with 33 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/04/21: EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. On September 3, 2021, ASPECT overflew 10 facilities on the LDEQ priority list.
- As of 15:00 on 09/04/21: USCG continues to conduct port assessments of impacted areas, however debris and damage on the roadways are presenting a challenge.
- As of 15:00 on 09/04/21: USCG reports waterways continue to be assessed and opened, updates sent out daily.

Teams Deployed / Status

- As of 14:30 on 09/04/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities

ESF-3 Report (EPA) for 9/4/21:

Current Activities

- As of 08:30 on 9/4/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	107	133,779
Boil Water Advisories	205	1,020,707
Cleared of Boil Water Advisories	6	13,432

* As of 8:30 am on September 4, 2021

Teams Deployed / Status

- As of 14:30 on 09/04/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/04/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

Message

From: Rosario, Joel [joel.rosario@fema.dhs.gov]
Sent: 9/5/2021 11:01:17 PM
To: Robinson, Timothy [timothy.robinson@fema.dhs.gov]; Esa, Gibran [gibran.esa@fema.dhs.gov]; Fisher, Bray [fisher.kelsey@epa.gov]
CC: Bessetti, Jill A CIV (USA) [Jill.A.Bessetti2@uscg.mil]; Jones, Becky K CAPT USCG D8 (USA) [Becky.K.Jones@uscg.mil]; michael.k.sams@uscg.mil
Subject: Re: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

Thanks for the great update.

Joel

Joel Rosario
Emergency Services Branch Director | IMAT 1 | Region VI
Mobile: (202) 706-2288
joel.rosario@fema.dhs.gov

Federal Emergency Management Agency
fema.gov



From: Fisher, Bray <fisher.kelsey@epa.gov>
Sent: Sunday, September 5, 2021 3:47:18 PM
To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>
Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; Sams, Michael K CIV USCG D8 (USA) <Michael.K.Sams@uscg.mil>
Subject: RE: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/5/21:

Current Activities

- As of 13:00 on 09/05/21: EPA has received a total of 160 National Response Center (NRC) reports with 34 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:00 on 09/05/21: USCG continues to conduct port assessments of impacted areas. Debris and damage on the roadways continues to be cleared allowing greater access to all targets.
- As of 14:00 on 09/05/21: NOAA ARC Collector/VADR activated and being utilized by USCG Port Assessment Teams operating out of Sector New Orleans, MSU Houma and the Data Collection Group located at the ICP in Sector Houston Galveston for post storm MER target tracking, validation and/or further assessment.
- As of 14:00 on 09/05/21: The incident specific USCG IMT is currently forming. Total targets for MSU Houma and Sector NOLA is 1857
 - Total targets not assessed: 1478.
 - Total targets assessed: 379.
 - Total targets assessed as a threat, require USCG action: 43.
 - Total targets assessed as a threat that require USCG monitoring: 263.

- Total Targets assessed and not found: 0.
- Total targets assessed action complete: 0.
- Total targets no Coast Guard Action required: 64.
- As of 14:00 on 09/05/21: USCG continues to monitor response actions at the Belle Chasse Phillips 66 Alliance Refinery. Initial estimates are that the facility is flooded with approximately 2,000 and 4,000 gallons of unknown petroleum product floating on the surface. OSRO was hired to conduct clean-up operations and discovered oiled wildlife. LADWF conducted an initial assessment and determined a minimum of 50 birds of various species were impacted. LADWF is preparing to stage a wildlife rehabilitation center.
- As of 14:00 on 09/05/21: Talos Energy Pipeline/Port Fourchon: Witt O'Brien was hired as OSRO who sub-contracted Clean Gulf Associates for skimming boats, divers on scene attempting to find point source for the discharge along the pipeline. Line was reported shut-in with residual product.
- As of 14:00 on 09/05/2021: ATC Mobile conducted overflight of portions of MSU Houma AOR with a gulf strike team rider, specifically to gain clarity on the situation surrounding the Talos Energy Pipeline. They discovered an 11NM rainbow sheen which they believe is originating from the Talos Pipeline. They also discovered a actively discharging wellhead in the nearby area. The wellhead is spraying oil, creating a 20 yd by 20 yd area of recoverable product. 02 potential RP's have been identified, but MSU Houma has mobilized their OSRO (T&T) to prepare to respond in the case that an RP cannot respond in a timely manner.

Teams Deployed / Status

- As of 14:30 on 09/05/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities. ASPECT overflow 19 facilities on the LDEQ priority list.

ESF-3 Report (EPA) for 9/5/21:

Current Activities

- As of 08:30 on 9/5/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	89	83,686
Boil Water Advisories	218	1,050,694
Cleared of Boil Water Advisories	13	33,538

* As of 8:30 am on September 5, 2021

Teams Deployed / Status

- As of 14:30 on 09/05/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/05/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.

From: Fisher, Bray

Sent: Saturday, September 4, 2021 3:53 PM

To: Robinson, Timothy <timothy.robinson@fema.dhs.gov>; Esa, Gibran <gibran.esa@fema.dhs.gov>; Rosario, Joel <joel.rosario@fema.dhs.gov>

Cc: Bessetti, Jill A CIV (USA) <Jill.A.Bessetti2@uscg.mil>; Jones, Becky K CAPT USCG D8 (USA) <Becky.K.Jones@uscg.mil>; michael.k.sams@uscg.mil

Subject: ESF-10 (EPA and USCG) and ESF-3 (EPA) 1600 Daily Reporting

ESF-10 Report (EPA and USCG) for 9/4/21:

Current Activities

- As of 13:00 on 09/04/21: EPA has received a total of 142 National Response Center (NRC) reports with 33 in EPA's Area of Responsibility (AOR) related to Hurricane Ida, of these 17 are air releases. None have required EPA response actions beyond assessments by the Phone Duty Officer.
- As of 14:30 on 09/04/21: EPA deployed the ASPECT air monitoring plane to assess industrial targets identified by the state of Louisiana following Hurricane Ida. On September 3, 2021, ASPECT overflowed 10 facilities on the LDEQ priority list.
- As of 15:00 on 09/04/21: USCG continues to conduct port assessments of impacted areas, however debris and damage on the roadways are presenting a challenge.
- As of 15:00 on 09/04/21: USCG reports waterways continue to be assessed and opened, updates sent out daily.

Teams Deployed / Status

- As of 14:30 on 09/04/21: ASPECT continues doing flyovers to conduct atmosphere chemical detection over industrial facilities

ESF-3 Report (EPA) for 9/4/21:

Current Activities

- As of 08:30 on 9/4/21:

Drinking Water System Status

Status *	Systems	Population Served
Water Outages	107	133,779
Boil Water Advisories	205	1,020,707
Cleared of Boil Water Advisories	6	13,432

* As of 8:30 am on September 4, 2021

Teams Deployed / Status

- As of 14:30 on 09/04/21: EPA SMEs (2 total EPA personnel) continue working with FEMA and USACE assessing water facilities.
- As of 14:30 on 09/04/21: EPA mobile drinking water labs (2 total labs; 6 total EPA personnel) continue working with FEMA and USACE to carry out the FOS mission.